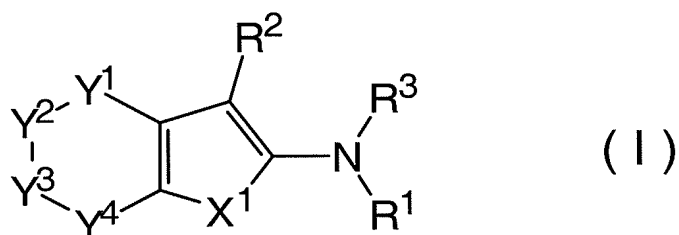


## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Claims

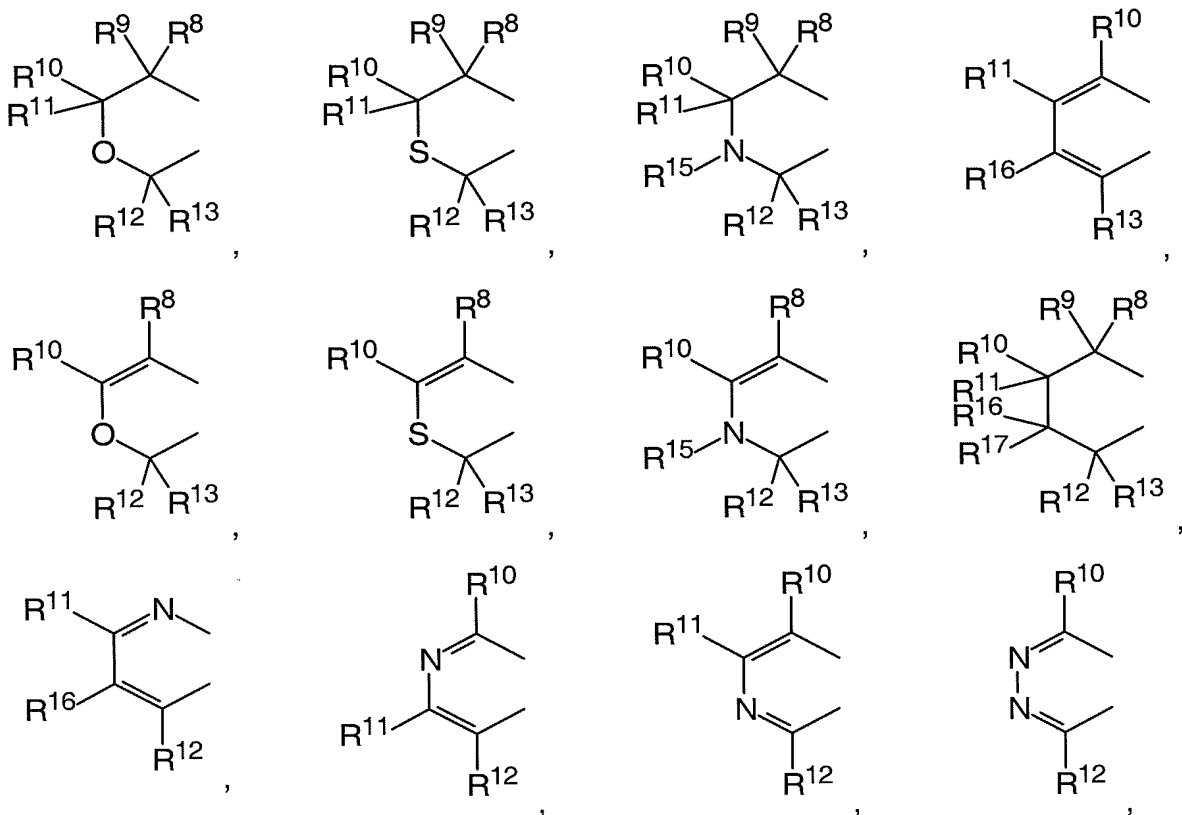
1. (Original) Compounds having the general formula (I)

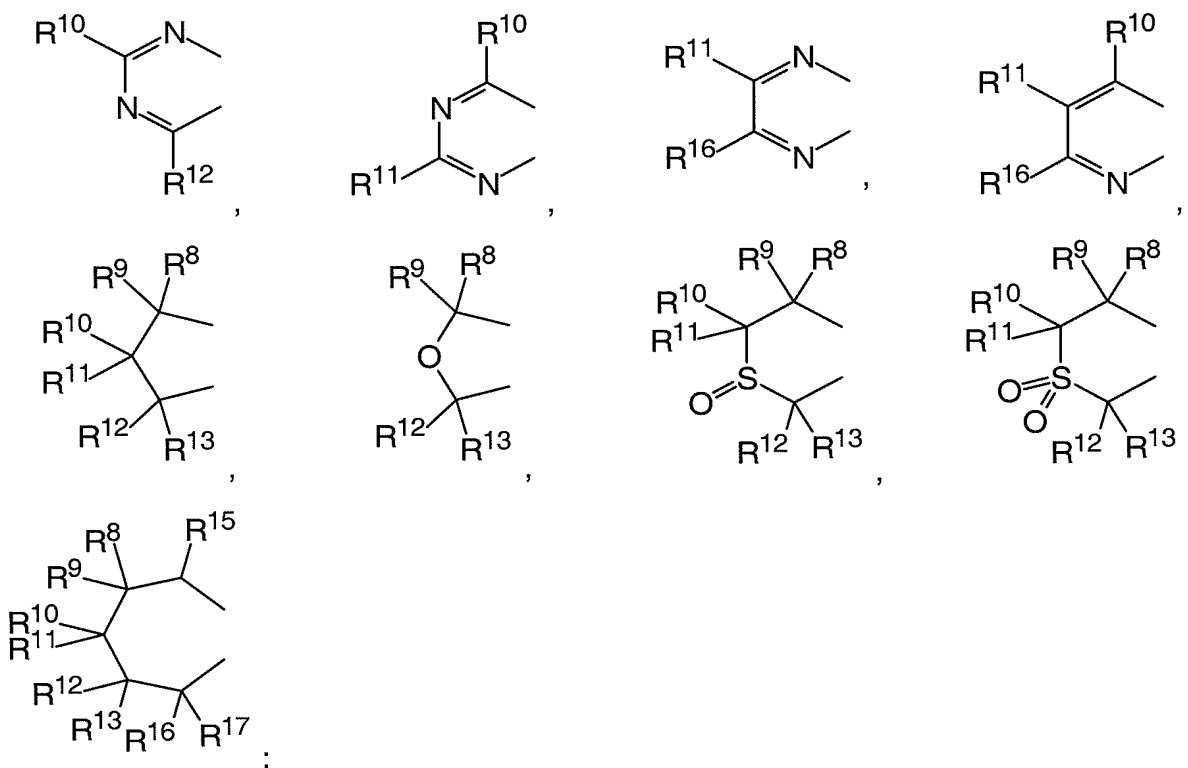


wherein

X<sup>1</sup> is selected from S, O, NH, NR<sup>4</sup>;

Y<sup>1</sup>-Y<sup>2</sup>-Y<sup>3</sup>-Y<sup>4</sup> represent the following residues:



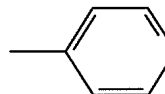


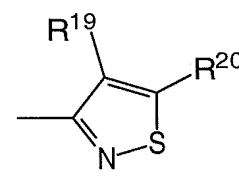
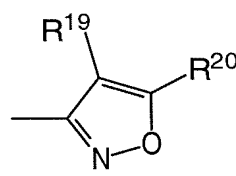
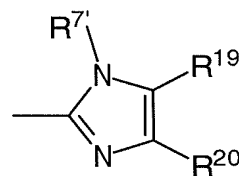
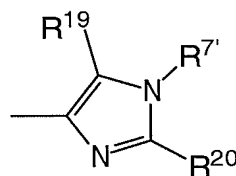
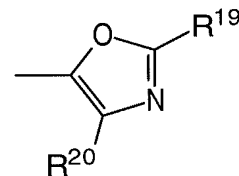
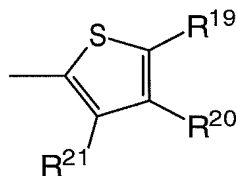
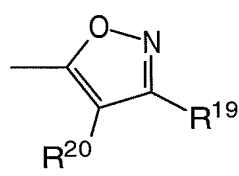
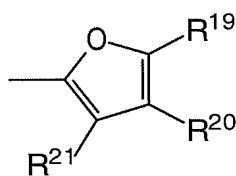
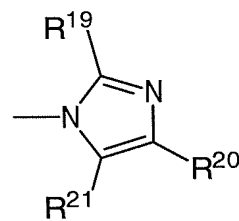
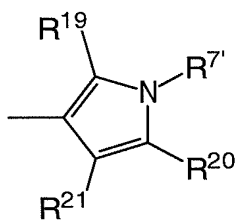
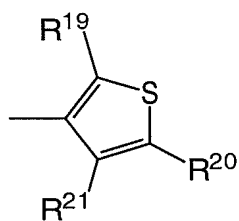
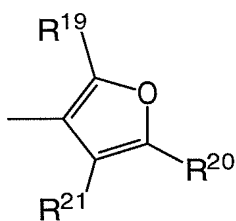
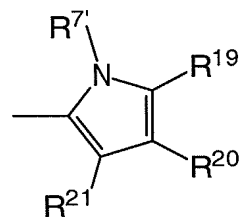
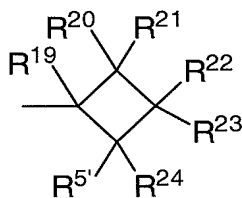
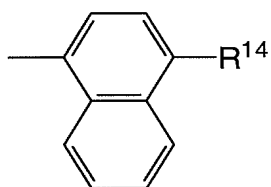
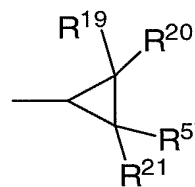
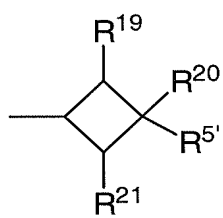
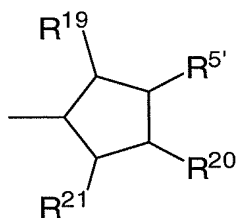
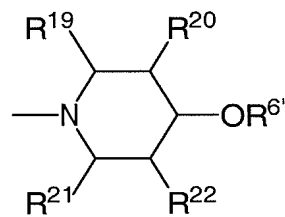
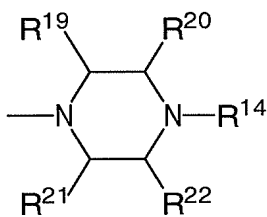
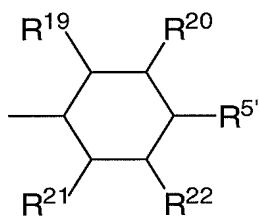
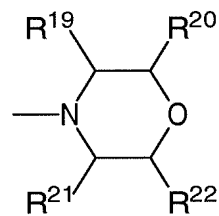
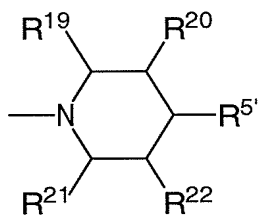
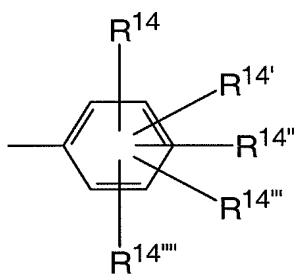
R<sup>1</sup>, R<sup>4</sup>, R<sup>4'</sup>, R<sup>4''</sup>, R<sup>4'''</sup>, R<sup>4''''</sup>, R<sup>8</sup>, R<sup>9</sup> and R<sup>15</sup> are independently of each other selected from -H, substituted or unsubstituted C<sub>1</sub>-C<sub>8</sub>-alkyl, substituted or unsubstituted C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-heterocyclyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkenyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkynyl, -Ph, -CH<sub>2</sub>Ph, substituted phenyl, substituted benzyl, substituted or unsubstituted C<sub>1</sub>-C<sub>8</sub>-acyl;

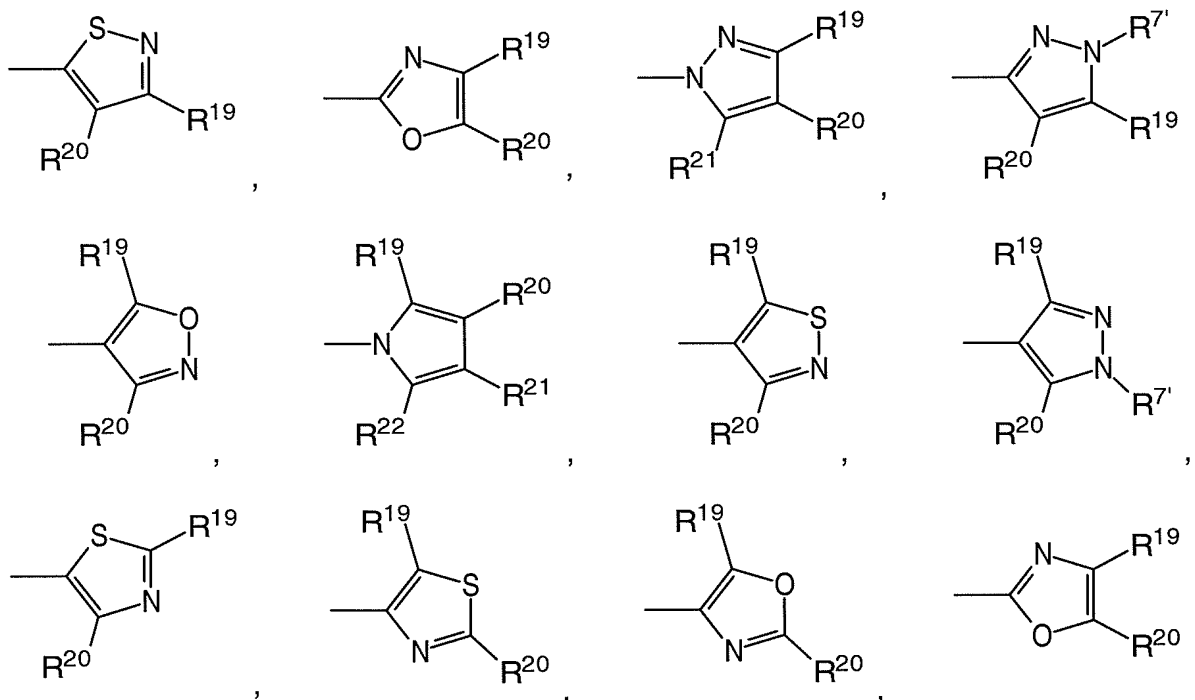
R<sup>2</sup> represents the residue -CO-NH-R<sup>4</sup>, -CS-NH-R<sup>4</sup>, -SO<sub>2</sub>-NH-R<sup>4</sup>, -C(=NH)-NH-R<sup>4</sup>, -COOR<sup>4</sup>, -SO<sub>3</sub>-R<sup>4</sup>;

R<sup>3</sup> is selected from -H, -CO-R<sup>5</sup>, -CS-R<sup>5</sup>, -C(=NR<sup>4''</sup>)-R<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, -CO-R<sup>5i</sup>, -CS-R<sup>5i</sup>, -C(=NR<sup>4'''</sup>)-R<sup>5i</sup>, -SO<sub>2</sub>R<sup>5i</sup>, -CO-NR<sup>4''</sup>-R<sup>5</sup>, -CS-NR<sup>4''</sup>-R<sup>5</sup>, -CO-CO-NR<sup>4''</sup>-R<sup>5</sup>, -CO-CO-O-R<sup>5</sup>, -CO-OR<sup>5</sup>, -CS-OR<sup>5</sup>, -C(=NH)-NR<sup>4''</sup>-R<sup>5</sup>;

R<sup>5</sup> is selected from substituted or unsubstituted C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>8</sub>-alkyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-heterocyclyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkenyl, substituted or unsubstituted alkylaryl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkynyl, adamantyl, -H, -R<sup>14</sup>, -R<sup>18</sup>,

-(CH<sub>2</sub>)<sub>n</sub>-C<sub>1</sub>-C<sub>6</sub>-heterocyclyl, -(CH<sub>2</sub>)<sub>n</sub>-C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, -CR<sup>14</sup>R<sup>14'</sup>R<sup>14''</sup>,

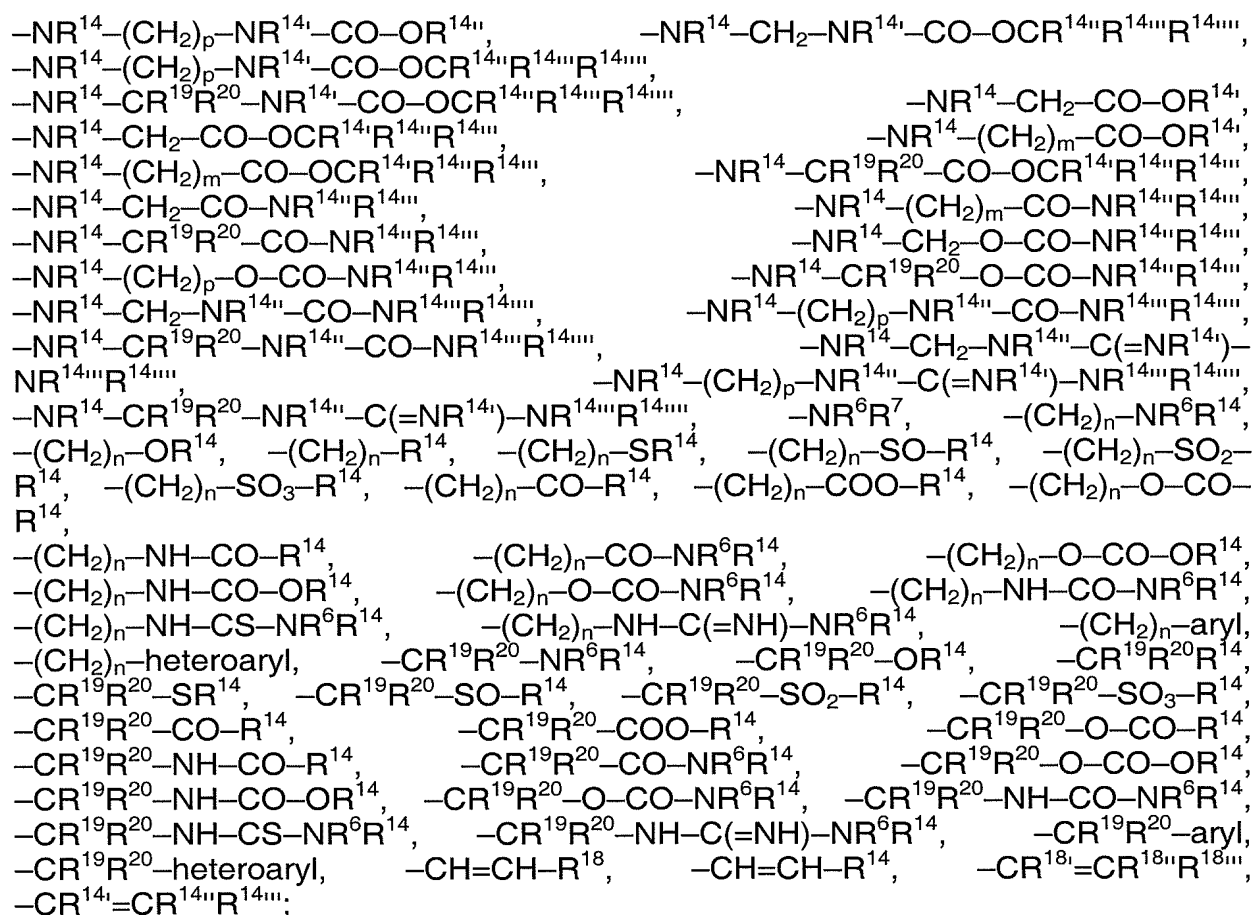




R<sup>6</sup>, R<sup>6'</sup>, R<sup>7</sup> and R<sup>7'</sup> are independently of each other selected from -H, substituted or unsubstituted C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>8</sub>-alkyl, substituted or unsubstituted aryl, -Ph, -CH<sub>2</sub>Ph, substituted phenyl, substituted benzyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-heterocyclyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkenyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkinyl, adamantyl;

-R<sup>5'</sup>, R<sup>10</sup>, R<sup>11</sup>, R<sup>12</sup>, R<sup>13</sup>, R<sup>16</sup> and R<sup>17</sup> are independently of each other selected from -H, -OH, -NH<sub>2</sub>, -R<sup>14</sup>, -R<sup>14i</sup>, -R<sup>14ii</sup>, -R<sup>14iii</sup>, -R<sup>14iiii</sup>, -R<sup>18</sup>, -R<sup>18i</sup>, -R<sup>18ii</sup>, -R<sup>18iii</sup>, -R<sup>18iiii</sup>, -Ph, -CH<sub>2</sub>Ph, substituted phenyl, substituted benzyl, substituted or unsubstituted C<sub>1</sub>-C<sub>8</sub>-alkyl, substituted or unsubstituted C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-heterocyclyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkenyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkinyl, adamantyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkoxyl, substituted or unsubstituted -O-C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, substituted or unsubstituted -O-C<sub>1</sub>-C<sub>6</sub>-heterocyclyl, substituted or unsubstituted -O-aryl, substituted or unsubstituted -O-heteroaryl, -OOC-O-R<sup>14i</sup>, -O-CO-R<sup>14i</sup>, -COO-R<sup>14i</sup>, -O-CO-NR<sup>7</sup>R<sup>14</sup>, -NR<sup>14iiii</sup>-CO-NR<sup>7</sup>R<sup>14</sup>, -NR<sup>14iiii</sup>-CO-R<sup>14</sup>, -NR<sup>14iiii</sup>-CS-NR<sup>7</sup>R<sup>14</sup>, -NR<sup>14iiii</sup>-CS-OR<sup>14</sup>, -NR<sup>14iiii</sup>-C(=NR<sup>14iiii</sup>)-NR<sup>7</sup>R<sup>14</sup>, -O-CS-NR<sup>7</sup>R<sup>14</sup>, -CO-NR<sup>7</sup>R<sup>14</sup>, -NR<sup>7</sup>R<sup>14</sup>, -CH<sub>2</sub>-SR<sup>14iiii</sup>, -O-R<sup>14i</sup>, -OCR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -OCH<sub>2</sub>-R<sup>14i</sup>, -O-(CH<sub>2</sub>)<sub>m</sub>-R<sup>14i</sup>, -OCH<sub>2</sub>-CR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -O-(CH<sub>2</sub>)<sub>m</sub>-CR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -O-CR<sup>19</sup>R<sup>20</sup>-CR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -OCH<sub>2</sub>-OR<sup>14i</sup>, -O-(CH<sub>2</sub>)<sub>p</sub>-OR<sup>14i</sup>, -OCH<sub>2</sub>-OCR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -O-(CH<sub>2</sub>)<sub>p</sub>-OCR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -O-CR<sup>19</sup>R<sup>20</sup>-OCR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -OCH<sub>2</sub>-NR<sup>14ii</sup>R<sup>14iii</sup>, -O-(CH<sub>2</sub>)<sub>p</sub>-NR<sup>14ii</sup>R<sup>14iii</sup>, -O-CR<sup>19</sup>R<sup>20</sup>-NR<sup>14ii</sup>R<sup>14iii</sup>, -OCH<sub>2</sub>-CO-R<sup>14i</sup>, -O-(CH<sub>2</sub>)<sub>m</sub>-CO-R<sup>14i</sup>, -OCH<sub>2</sub>-CO-CR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -O-(CH<sub>2</sub>)<sub>m</sub>-CO-CR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -O-CR<sup>19</sup>R<sup>20</sup>-CO-CR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -OCH<sub>2</sub>-O-CO-R<sup>14i</sup>, -O-(CH<sub>2</sub>)<sub>p</sub>-O-CO-R<sup>14i</sup>, -OCH<sub>2</sub>-O-CO-CR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>, -O-(CH<sub>2</sub>)<sub>p</sub>-O-CO-CR<sup>14i</sup>R<sup>14ii</sup>R<sup>14iii</sup>,





$\text{R}^{11}$  and  $\text{R}^{16}$  can form together with  $\text{Y}^2$  and  $\text{Y}^3$  a five-membered or six-membered saturated substituted or unsubstituted carbocyclic ring;

$\text{R}^8$  and  $\text{R}^9$  represent together  $=\text{O}$ ,  $=\text{N}-\text{OH}$ ,  $=\text{N}-\text{OR}^{4_{1111}}$ ,  $=\text{N}-\text{R}^{4_{1111}}$ ,  $=\text{N}-\text{NH}_2$ ,  $=\text{N}-\text{NHR}^{4_{1111}}$ ,

$=\text{N}-\text{NR}^{4_{1111}}\text{R}^{4_{1111}}$ ,  $=\text{N}-\text{N} \begin{array}{c} \text{---} \\ \text{---} \end{array} (\text{CH}_2)_q$ , thus forming a carbonyl group, or an oxime,

or a hydrazone, together with the carbon atom  $\text{Y}^1$ , or  $\text{R}^8$  and  $\text{R}^9$  form together a carbocyclic or heterocyclic ring;

$\text{R}^{10}$  and  $\text{R}^{11}$  if bound to the same carbon atom  $\text{Y}^2$  represent together  $=\text{O}$ ,  $=\text{N}-\text{OH}$ ,  $=\text{N}-\text{OR}^{4_{1111}}$ ,  $=\text{N}-\text{R}^{4_{1111}}$ ,  $=\text{N}-\text{NH}_2$ ,  $=\text{N}-\text{NHR}^{4_{1111}}$ ,

$=\text{N}-\text{NR}^{4_{1111}}\text{R}^{4_{1111}}$ ,  $=\text{N}-\text{N} \begin{array}{c} \text{---} \\ \text{---} \end{array} (\text{CH}_2)_q$ , thus forming a carbonyl group, or an oxime,

or a hydrazone, together with the carbon atom  $\text{Y}^2$ , or  $\text{R}^{10}$  and  $\text{R}^{11}$  form together a carbocyclic or heterocyclic ring;

$\text{R}^{12}$  and  $\text{R}^{13}$  represent together  $=\text{O}$ ,  $=\text{N}-\text{OH}$ ,  $=\text{N}-\text{OR}^{4_{1111}}$ ,  $=\text{N}-\text{R}^{4_{1111}}$ ,  $=\text{N}-\text{NH}_2$ ,  $=\text{N}-\text{NHR}^{4_{1111}}$ ,

$=\text{N}-\text{NR}^{4_{1111}}\text{R}^{4_{1111}}$ ,  $=\text{N}-\text{N} \begin{array}{c} \text{---} \\ \text{---} \end{array} (\text{CH}_2)_q$ , thus forming a carbonyl group, or an oxime,

or a hydrazone, together with the carbon atom Y<sup>4</sup>, or R<sup>12</sup> and R<sup>13</sup> form together a carbocyclic or heterocyclic ring;

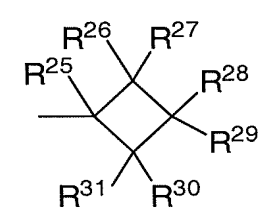
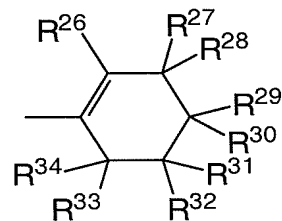
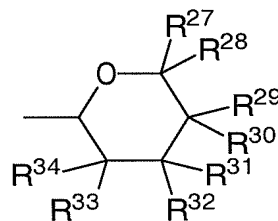
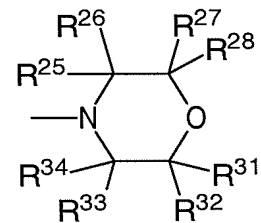
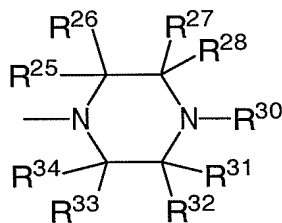
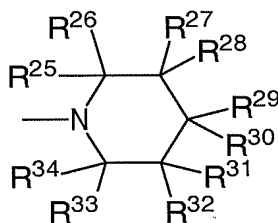
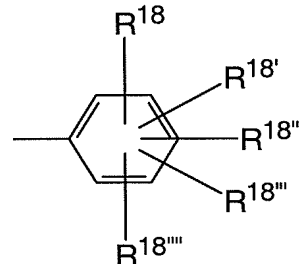
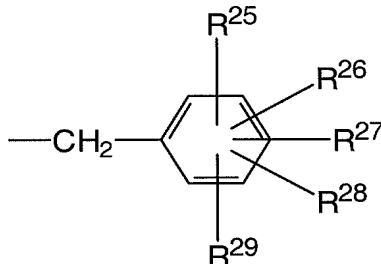
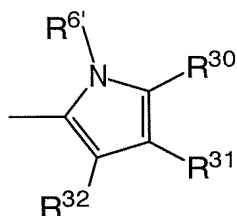
R<sup>16</sup> and R<sup>17</sup> represent together =O, =N-OH, =N-OR<sup>4'''</sup>, =N-R<sup>4'''</sup>, =N-NH<sub>2</sub>, =N-NHR<sup>4'''</sup>,

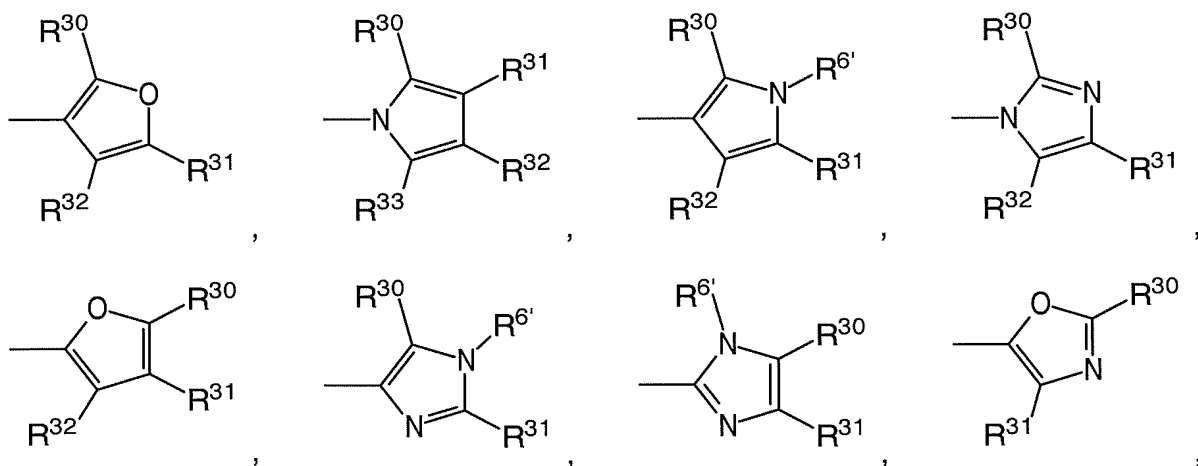
=N-NR<sup>4'''</sup>R<sup>4'''</sup>,  $\text{=N-N} \begin{array}{c} \text{---} \\ \text{---} \end{array} \text{(CH}_2\text{)}_q \text{---}$ , thus forming a carbonyl group, or an oxime,

or a hydrazone, together with the carbon atom Y<sup>3</sup>, or R<sup>16</sup> and R<sup>17</sup> form together a carbocyclic or heterocyclic ring;

R<sup>14</sup>, R<sup>14'</sup>, R<sup>14''</sup>, R<sup>14'''</sup>, and R<sup>14''''</sup> are independently of each other selected from -H, substituted or unsubstituted C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>8</sub>-alkyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-heterocyclyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkenyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkinyl, adamantyl, substituted or unsubstituted alkylaryl, -R<sup>18</sup>, -R<sup>18'</sup>, -R<sup>18''</sup>, -R<sup>18'''</sup>, -R<sup>18''''</sup>, -R<sup>19</sup>, -R<sup>20</sup>, -R<sup>21</sup>, -R<sup>22</sup>, -R<sup>23</sup>, -(CH<sub>2</sub>)<sub>n</sub>-O-CO-R<sup>18''''</sup>, -(CH<sub>2</sub>)<sub>n</sub>-NH-CO-R<sup>18''''</sup>, -(CH<sub>2</sub>)<sub>n</sub>-NH-CO-R<sup>18''''</sup>,

-(CH<sub>2</sub>)<sub>n</sub>-R<sup>18'</sup>, -(CH<sub>2</sub>)<sub>n</sub>-R<sup>18''</sup>, -(CH<sub>2</sub>)<sub>n</sub>-R<sup>18'''</sup>, -(CH<sub>2</sub>)<sub>n</sub>-SO-R<sup>18''''</sup>,  
 -(CH<sub>2</sub>)<sub>n</sub>-SO<sub>2</sub>-R<sup>18''''</sup>, -(CH<sub>2</sub>)<sub>n</sub>-CO-R<sup>18''''</sup>, -(CH<sub>2</sub>)<sub>n</sub>-NH-CO-R<sup>18''''</sup>,  
 -(CH<sub>2</sub>)<sub>n</sub>-CO-NH-NH<sub>2</sub>, -(CH<sub>2</sub>)<sub>n</sub>-SR<sup>18''</sup>, -C≡C-R<sup>18''''</sup>, -CR<sup>18'</sup>=CR<sup>18''</sup>R<sup>18'''</sup>,

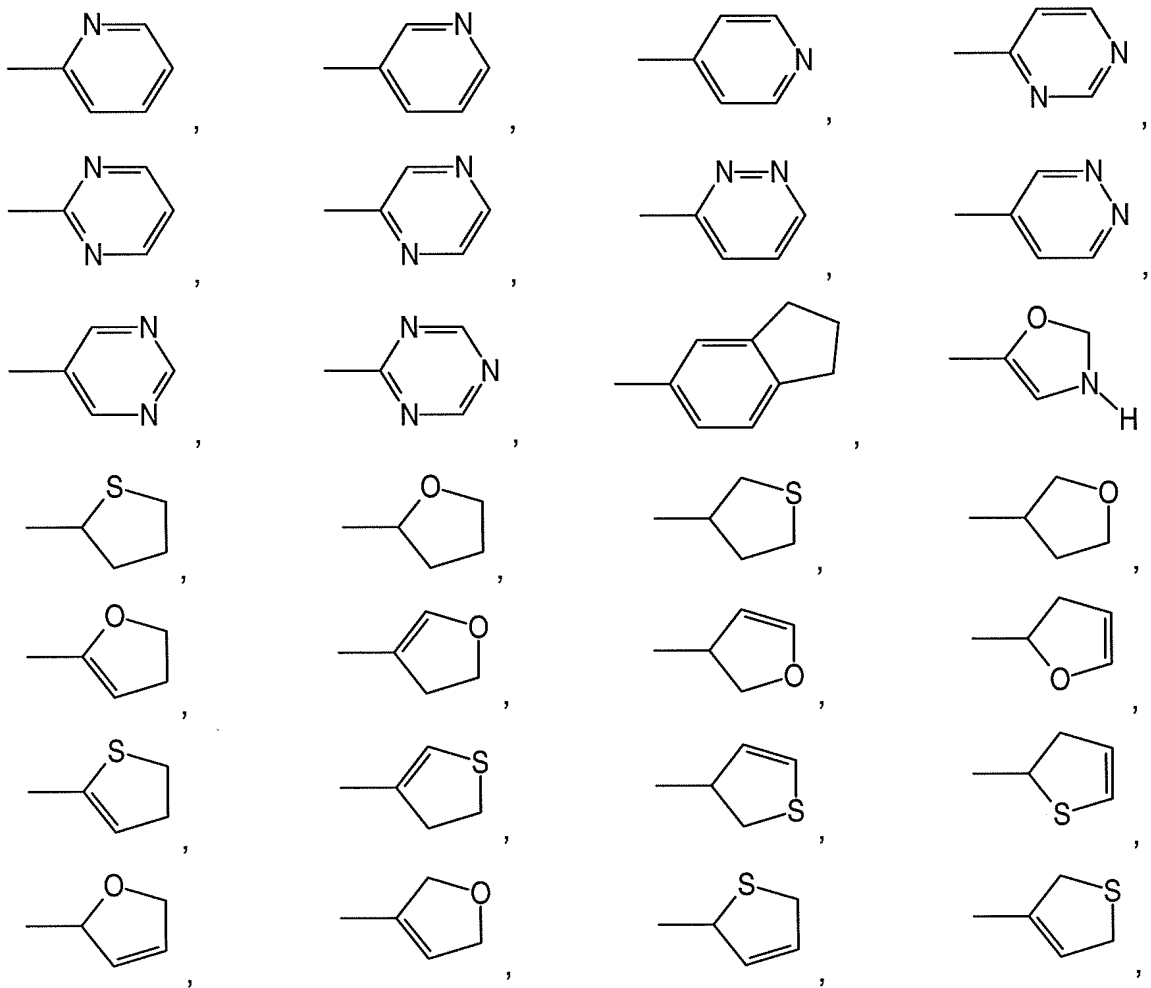


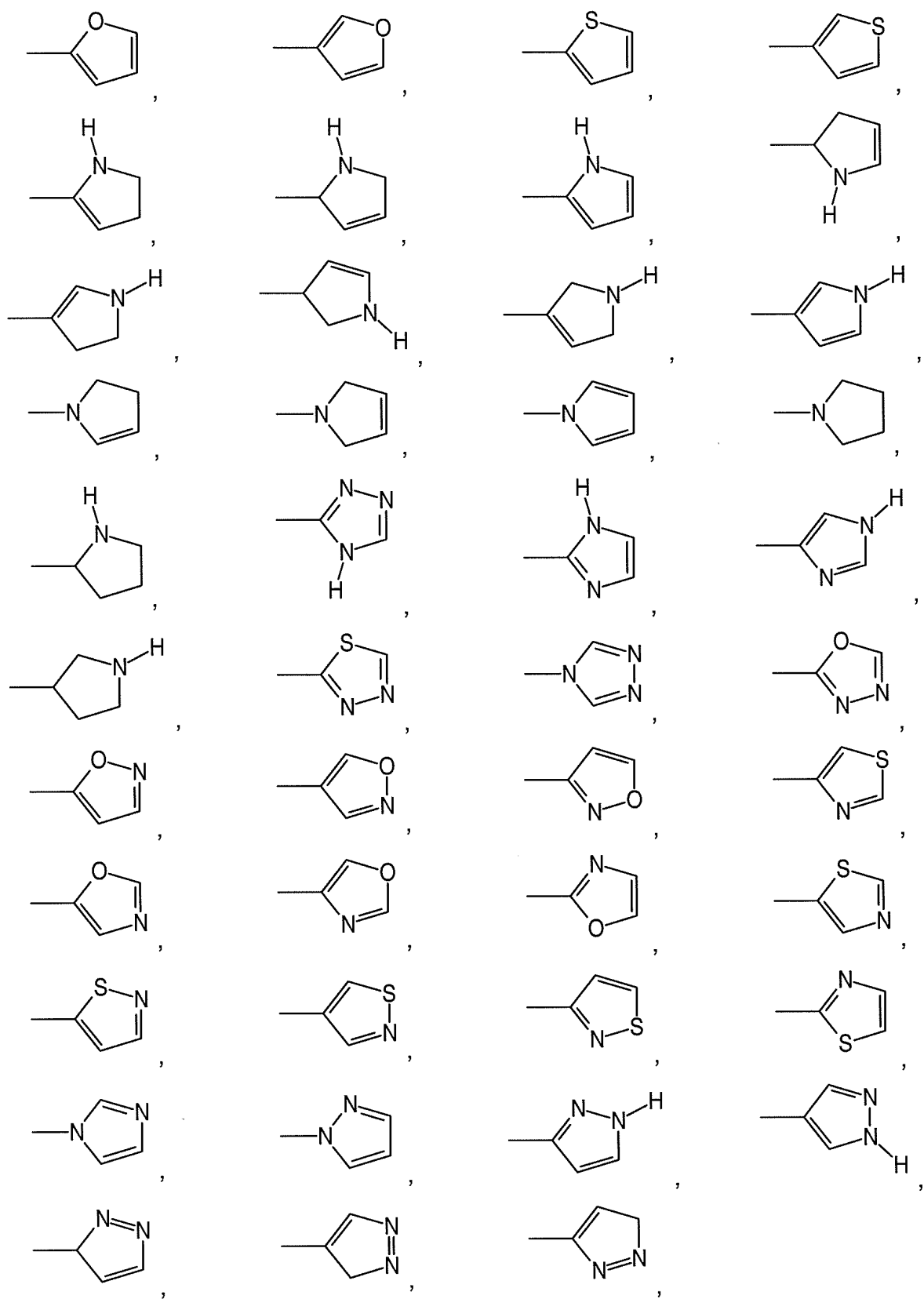


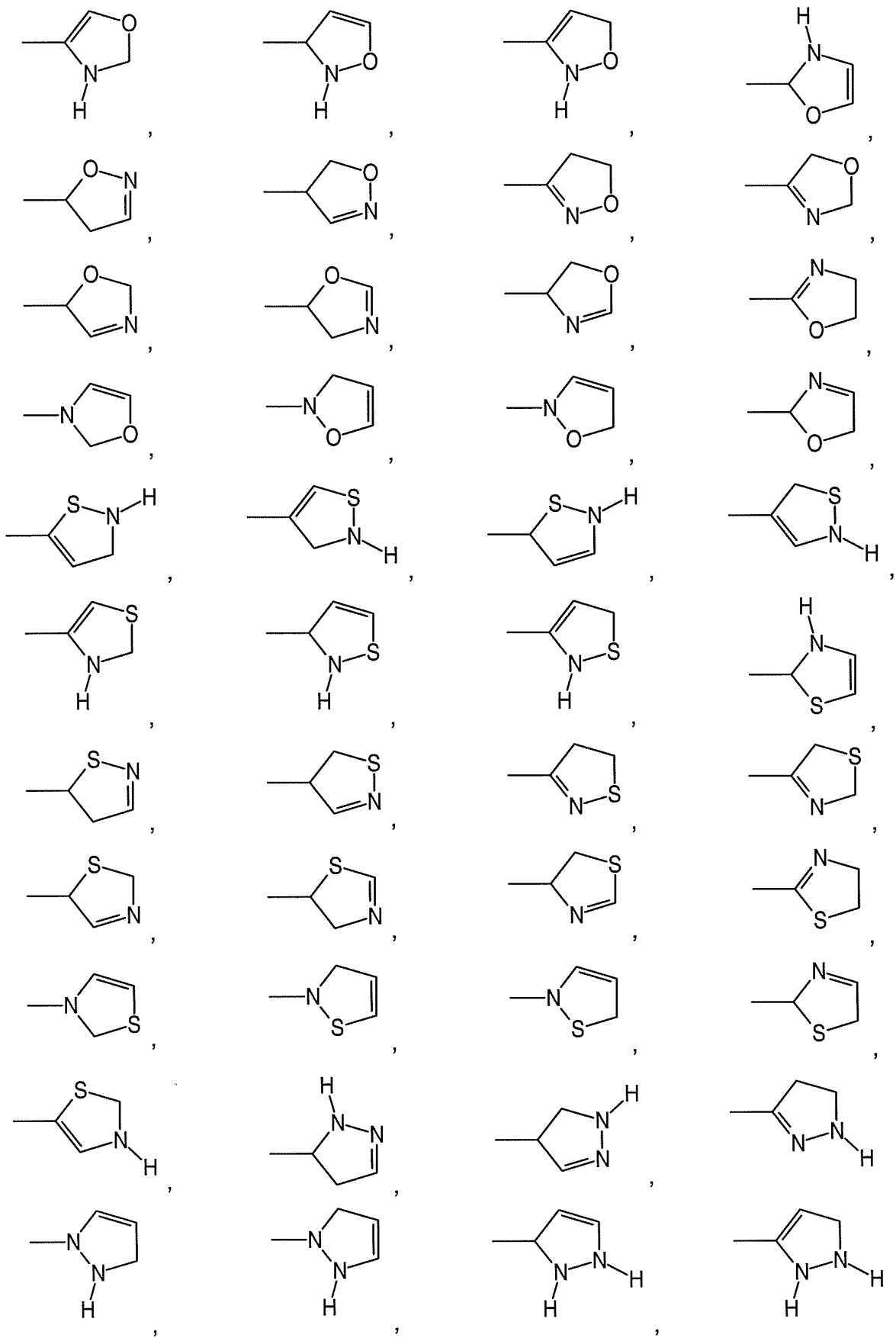
$R^{18}$ ,  $R^{18i}$ ,  $R^{18ii}$ ,  $R^{18iii}$ ,  $R^{18iiii}$ ,  $R^{19} - R^{33}$  are independently of each other selected from  
 $-H$ ,  $-OH$ ,  $-OCH_3$ ,  $-OC_2H_5$ ,  $-OC_3H_7$ ,  $-O-cyclo-C_3H_5$ ,  $-OCH(CH_3)_2$ ,  
 $-OC(CH_3)_3$ ,  $-OPh$ ,  $-OCH_2-Ph$ ,  $-OCPh_3$ ,  $-OR^6$ ,  $-OR^7$ ,  $-SH$ ,  $-SCH_3$ ,  $-SC_2H_5$ ,  
 $-SC_3H_7$ ,  $-S-cyclo-C_3H_5$ ,  $-SCH(CH_3)_2$ ,  $-SC(CH_3)_3$ ,  $-SR^6$ ,  $-SR^7$ ,  $-NO_2$ ,  $-F$ ,  
 $-Cl$ ,  $-Br$ ,  $-I$ ,  $-N_3$ ,  $-CN$ ,  $-OCN$ ,  $-NCO$ ,  $-SCN$ ,  $-NCS$ ,  $-CHO$ ,  $-COCH_3$ ,  
 $-COC_2H_5$ ,  $-COC_3H_7$ ,  $-CO-cyclo-C_3H_5$ ,  $-COCH(CH_3)_2$ ,  $-COC(CH_3)_3$ ,  $-COOH$ ,  
 $-COCN$ ,  $-COOCH_3$ ,  $-COOC_2H_5$ ,  $-COOC_3H_7$ ,  $-COO-cyclo-C_3H_5$ ,  
 $-COOCH(CH_3)_2$ ,  $-COOC(CH_3)_3$ ,  $-COOR^6$ ,  $-COOR^7$ ,  $-OOC-CH_3$ ,  $-OOC-C_2H_5$ ,  
 $-OOC-C_3H_7$ ,  $-OOC-cyclo-C_3H_5$ ,  $-OOC-CH(CH_3)_2$ ,  $-OOC-C(CH_3)_3$ ,  $-OOC-R^6$ ,  
 $-OOC-R^7$ ,  $-CONH_2$ ,  $-CONHCH_3$ ,  $-CONHC_2H_5$ ,  $-CONHC_3H_7$ ,  $-CONH-cyclo-C_3H_5$ ,  
 $-CONH[CH(CH_3)_2]$ ,  $-CONH[C(CH_3)_3]$ ,  $-CON(CH_3)_2$ ,  $-CON(C_2H_5)_2$ ,  
 $-CON(C_3H_7)_2$ ,  $-CON(cyclo-C_3H_5)_2$ ,  $-CON[CH(CH_3)_2]_2$ ,  $-CON[C(CH_3)_3]_2$ ,  
 $-CONR^6R^7$ ,  $-NH_2$ ,  $-NHCH_3$ ,  $-NHC_2H_5$ ,  $-NHC_3H_7$ ,  $-NH-cyclo-C_3H_5$ ,  
 $-NHCH(CH_3)_2$ ,  $-NHC(CH_3)_3$ ,  $-N(CH_3)_2$ ,  $-N(C_2H_5)_2$ ,  $-N(C_3H_7)_2$ ,  
 $-N(cyclo-C_3H_5)_2$ ,  $-N[CH(CH_3)_2]_2$ ,  $-N[C(CH_3)_3]_2$ ,  $-NR^6R^7$ ,  $-SOCH_3$ ,  $-SOC_2H_5$ ,  
 $-SOC_3H_7$ ,  $-SO-cyclo-C_3H_5$ ,  $-SOCH(CH_3)_2$ ,  $-SOC(CH_3)_3$ ,  $-SO-R^6$ ,  $-SO-R^7$ ,  
 $-SO_2CH_3$ ,  $-SO_2C_2H_5$ ,  $-SO_2C_3H_7$ ,  $-SO_2-cyclo-C_3H_5$ ,  $-SO_2CH(CH_3)_2$ ,  
 $-SO_2C(CH_3)_3$ ,  $-SO_2-R^6$ ,  $-SO_2-R^7$ ,  $-SO_3H$ ,  $-SO_3CH_3$ ,  $-SO_3C_2H_5$ ,  $-SO_3C_3H_7$ ,  
 $-SO_3-cyclo-C_3H_5$ ,  $-SO_3CH(CH_3)_2$ ,  $-SO_3C(CH_3)_3$ ,  $-SO_3-R^6$ ,  $-SO_3-R^7$ ,  $-OCF_3$ ,  
 $-OC_2F_5$ ,  $-O-COOCH_3$ ,  $-O-COOC_2H_5$ ,  $-O-COOC_3H_7$ ,  $-O-COO-cyclo-C_3H_5$ ,  
 $-O-COOCH(CH_3)_2$ ,  $-O-COOC(CH_3)_3$ ,  $-O-COOC-R^6$ ,  $-O-COOC-R^7$ ,  
 $-NH-CO-NH_2$ ,  $-NH-CO-NHCH_3$ ,  $-NH-CO-NHC_2H_5$ ,  $-NH-CO-NHC_3H_7$ ,  
 $-NH-CO-NH-cyclo-C_3H_5$ ,  $-NH-CO-NH[CH(CH_3)_2]$ ,  $-NH-CO-NH[C(CH_3)_3]$ ,  
 $-NH-CO-N(CH_3)_2$ ,  $-NH-CO-N(C_2H_5)_2$ ,  $-NH-CO-N(C_3H_7)_2$ ,  
 $-NH-CO-N(cyclo-C_3H_5)_2$ ,  $-NH-CO-N[CH(CH_3)_2]_2$ ,  $-NH-CO-N[C(CH_3)_3]_2$ ,  
 $-NH-CO-N(R^6)_2$ ,  $-NH-CO-N(R^7)_2$ ,  $-NH-CS-NH_2$ ,  $-NH-CS-NHCH_3$ ,  
 $-NH-CS-NHC_2H_5$ ,  $-NH-CS-NHC_3H_7$ ,  $-NH-CS-NH-cyclo-C_3H_5$ ,  
 $-NH-CS-NH[CH(CH_3)_2]$ ,  $-NH-CS-NH[C(CH_3)_3]$ ,  $-NH-CS-N(CH_3)_2$ ,  
 $-NH-CS-N(C_2H_5)_2$ ,  $-NH-CS-N(C_3H_7)_2$ ,  $-NH-CS-N(cyclo-C_3H_5)_2$ ,  
 $-NH-CS-N[CH(CH_3)_2]_2$ ,  $-NH-CS-N[C(CH_3)_3]_2$ ,  $-NH-CS-N(R^6)_2$ ,  $-NH-CS-N(R^7)_2$ ,  
 $-NH-C(=NH)-NH_2$ ,  $-NH-C(=NH)-NHCH_3$ ,  $-NH-C(=NH)-NHC_2H_5$ ,  
 $-NH-C(=NH)-NHC_3H_7$ ,  $-NH-C(=NH)-NH-cyclo-C_3H_5$ ,  
 $-NH-C(=NH)-NH[CH(CH_3)_2]$ ,  $-NH-C(=NH)-NH[C(CH_3)_3]$ ,  $-NH-C(=NH)-N(CH_3)_2$ ,  
 $-NH-C(=NH)-N(C_2H_5)_2$ ,  $-NH-C(=NH)-N(C_3H_7)_2$ ,  $-NH-C(=NH)-N(cyclo-C_3H_5)_2$ ,  
 $-NH-C(=NH)-N[CH(CH_3)_2]_2$ ,  $-NH-C(=NH)-N[C(CH_3)_3]_2$ ,  $-NH-C(=NH)-N(R^6)_2$ ,  
 $-NH-C(=NH)-N(R^7)_2$ ,  $-O-CO-NH_2$ ,  $-O-CO-NHCH_3$ ,  $-O-CO-NHC_2H_5$ ,  
 $-O-CO-NHC_3H_7$ ,  $-O-CO-NH-cyclo-C_3H_5$ ,  $-O-CO-NH[CH(CH_3)_2]$ ,

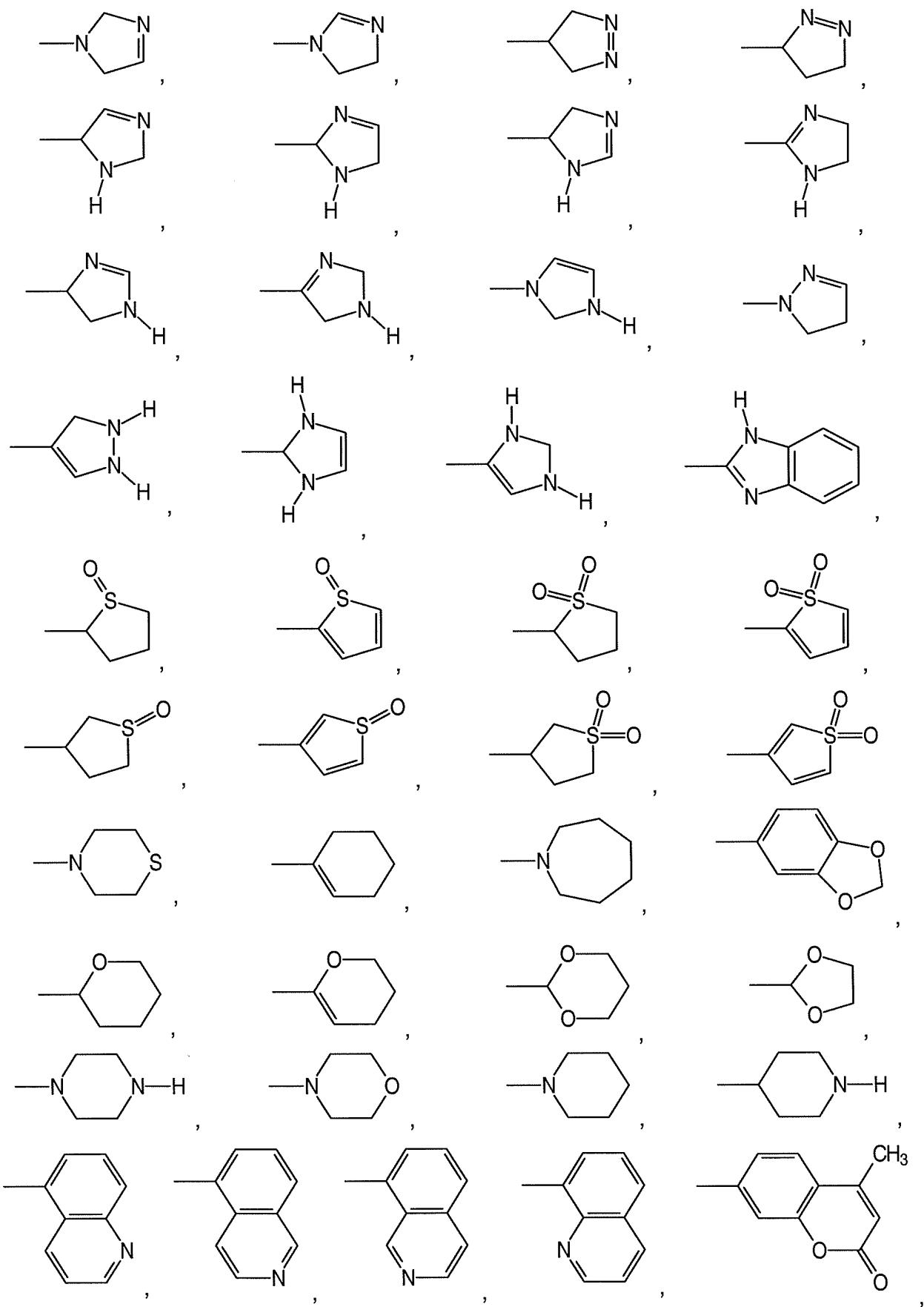


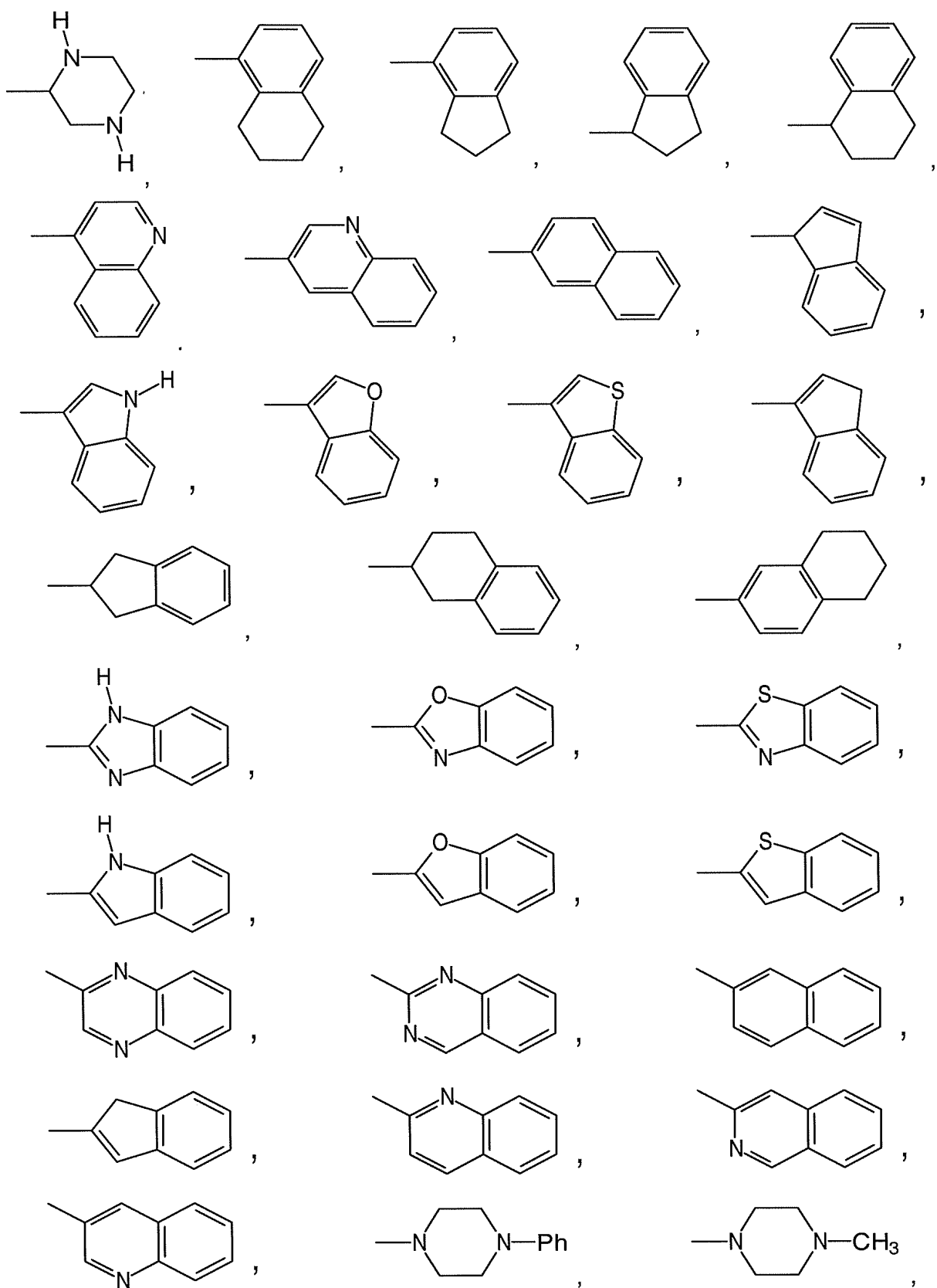
$-\text{O}-\text{CO}-\text{NH}[\text{C}(\text{CH}_3)_3]$ ,  $-\text{O}-\text{CO}-\text{N}(\text{CH}_3)_2$ ,  $-\text{O}-\text{CO}-\text{N}(\text{C}_2\text{H}_5)_2$ ,  $-\text{O}-\text{CO}-\text{N}(\text{C}_3\text{H}_7)_2$ ,  
 $-\text{O}-\text{CO}-\text{N}(\text{cyclo-C}_3\text{H}_5)_2$ ,  $-\text{O}-\text{CO}-\text{N}[\text{CH}(\text{CH}_3)_2]_2$ ,  $-\text{O}-\text{CO}-\text{N}[\text{C}(\text{CH}_3)_3]_2$ ,  
 $-\text{O}-\text{CO}-\text{N}(\text{R}^6)_2$ ,  $-\text{O}-\text{CO}-\text{N}(\text{R}^7)_2$ ,  $-\text{O}-\text{CO}-\text{OCH}_3$ ,  $-\text{O}-\text{CO}-\text{OC}_2\text{H}_5$ ,  $-\text{O}-\text{CO}-\text{OC}_3\text{H}_7$ ,  
 $-\text{O}-\text{CO}-\text{O}-\text{cyclo-C}_3\text{H}_5$ ,  $-\text{O}-\text{CO}-\text{OCH}(\text{CH}_3)_2$ ,  $-\text{O}-\text{CO}-\text{OC}(\text{CH}_3)_3$ ,  $-\text{O}-\text{CO}-\text{OR}^6$ ,  
 $-\text{O}-\text{CO}-\text{OR}^7$ ,  $-\text{CH}_2\text{F}$ ,  $-\text{CHF}_2$ ,  $-\text{CF}_3$ ,  $-\text{CH}_2\text{Cl}$ ,  $-\text{CHCl}_2$ ,  $-\text{CCl}_3$ ,  $-\text{CH}_2\text{Br}$ ,  
 $-\text{CHBr}_2$ ,  $-\text{CBr}_3$ ,  $-\text{CH}_2\text{I}$ ,  $-\text{CHI}_2$ ,  $-\text{CI}_3$ ,  $-\text{CH}_2-\text{CH}_2\text{F}$ ,  $-\text{CH}_2-\text{CHF}_2$ ,  $-\text{CH}_2-\text{CF}_3$ ,  
 $-\text{CH}_2-\text{CH}_2\text{Cl}$ ,  $-\text{CH}_2-\text{CHCl}_2$ ,  $-\text{CH}_2-\text{CCl}_3$ ,  $-\text{CH}_2-\text{CH}_2\text{Br}$ ,  $-\text{CH}_2-\text{CHBr}_2$ ,  $-\text{CH}_2-\text{CBr}_3$ ,  
 $-\text{CH}_2-\text{CH}_2\text{I}$ ,  $-\text{CH}_2-\text{CHI}_2$ ,  $-\text{CH}_2-\text{CI}_3$ ,  $-\text{CH}_2\text{OH}$ ,  $-\text{CH}_2\text{SH}$ ,  $-\text{CH}_2\text{NH}_2$ ,  
 $-\text{CH}_2\text{N}(\text{CH}_3)_2$ ,  $-\text{CH}_2\text{N}(\text{C}_2\text{H}_5)_2$ ,  $-\text{C}_2\text{H}_4-\text{OH}$ ,  $-\text{C}_2\text{H}_4-\text{SH}$ ,  $-\text{C}_2\text{H}_4-\text{NH}_2$ ,  
 $-\text{C}_2\text{H}_4-\text{N}(\text{CH}_3)_2$ ,  $-\text{C}_2\text{H}_4-\text{N}(\text{C}_2\text{H}_5)_2$ ,  $-\text{CH}_2\text{OCH}_3$ ,  $-\text{CH}_2\text{SCH}_3$ ,  $-\text{CH}_2\text{OC}_2\text{H}_5$ ,  
 $-\text{CH}_2\text{SC}_2\text{H}_5$ ,  $-\text{C}_2\text{H}_4-\text{OCH}_3$ ,  $-\text{C}_2\text{H}_4-\text{SCH}_3$ ,  $-\text{C}_2\text{H}_4-\text{OC}_2\text{H}_5$ ,  $-\text{C}_2\text{H}_4-\text{SC}_2\text{H}_5$ ,  $-\text{CH}_3$ ,  
 $-\text{C}_2\text{H}_5$ ,  $-\text{C}_3\text{H}_7$ ,  $-\text{cyclo-C}_3\text{H}_5$ ,  $-\text{CH}(\text{CH}_3)_2$ ,  $-\text{C}(\text{CH}_3)_3$ ,  $-\text{C}_4\text{H}_9$ ,  $-\text{CH}_2-\text{CH}(\text{CH}_3)_2$ ,  
 $-\text{CH}(\text{CH}_3)-\text{C}_2\text{H}_5$ ,  $-\text{C}(\text{CH}_3)_3$ ,  $-\text{C}_5\text{H}_{11}$ ,  $-\text{C}_6\text{H}_{13}$ ,  $-\text{C}_7\text{H}_{15}$ ,  $-\text{C}_8\text{H}_{17}$ ,  $-\text{C}_9\text{H}_{19}$ ,  $-\text{C}_{10}\text{H}_{21}$ ,  $-\text{Ph}$ ,  
 $-\text{CH}_2-\text{Ph}$ ,  $-\text{CH}=\text{CH}_2$ ,  $-\text{CH}=\text{CHF}$ ,  $-\text{CH}=\text{CF}_2$ ,  $-\text{CF}=\text{CF}_2$ ,  $-\text{CH}=\text{CHCl}$ ,  $-\text{CH}=\text{CCl}_2$ ,  
 $-\text{CCl}=\text{CCl}_2$ ,  $-\text{CH}=\text{CHBr}$ ,  $-\text{CH}=\text{CBr}_2$ ,  $-\text{CBr}=\text{CBr}_2$ ,  $-\text{CH}_2-\text{CH}=\text{CH}_2$ ,  $-\text{C}(\text{CH}_3)=\text{CH}_2$ ,  
 $-\text{CH}=\text{CH}-\text{CH}_3$ ,  $-\text{CH}=\text{CH}-\text{CH}_2-\text{OH}$ ,  $-\text{CH}=\text{CH}-\text{COOH}$ ,  $-\text{CH}=\text{CH}-\text{COOCH}_3$ ,  
 $-\text{CH}=\text{CH}-\text{COOC}_2\text{H}_5$ ,  $-\text{CH}=\text{CH}-\text{Ph}$ ,  $-\text{C}(\text{CH}_3)=\text{CH}-\text{CH}_3$ ,  $-\text{C}_2\text{H}_4-\text{CH}=\text{CH}_2$ ,  
 $-\text{CH}=\text{C}(\text{CH}_3)_2$ ,  $-\text{C}\equiv\text{CH}$ ,  $-\text{C}\equiv\text{C}-\text{CH}_3$ ,  $-\text{CH}_2-\text{C}\equiv\text{CH}$ ,  $-\text{CPh}_3$ ;











substituted or unsubstituted C<sub>1</sub>-C<sub>8</sub>-alkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkenyl,  
substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkynyl, substituted or unsubstituted C<sub>3</sub>-C<sub>10</sub>-

cycloalkyl, substituted or unsubstituted aryl,  $-\text{Ph}$ ,  $-\text{CH}_2\text{Ph}$ , substituted phenyl, substituted benzyl, substituted or unsubstituted heteroaryl, substituted or unsubstituted  $\text{C}_1\text{-C}_6\text{-heterocyclyl}$ ;

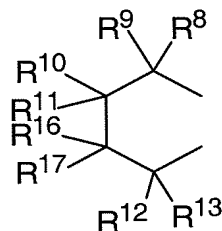
m and n are independently of each other integers from 0 – 6;

p is an integer from 1 – 6;

q is an integer from 2 – 6;

and stereoisomeric and regioisomeric forms and pharmaceutically acceptable salts of these compounds;

with the proviso that if  $\text{Y}^1\text{-Y}^2\text{-Y}^3\text{-Y}^4$  represent



$\text{R}^2$  does not represent  $-\text{COOR}^4$  and with the proviso that the following compounds are excluded from the scope of the present invention:

2-(Toluene-4-sulfonylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

2-[(5-Bromo-2-hydroxy-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

2-[(2-Chloro-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

Furan-2-carboxylic acid [3-(4-methoxy-phenylcarbamoyl)-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl]-amide;

2-[3-(4-Methoxy-phenyl)-3-(2,2,2-trifluoro-acetyl-amino)-propionyl-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

2-(7-Ethyl-4-oxo-3-phenyl-3,4,5,6,7,8-hexahydro-benzo)[4,5]thieno[2,3-d]pyrimidin-2-ylsulfanyl)-N-(2-isopropoxy-phenyl)-acetamide;

N,N-Diethyl-2-(7-ethyl-4-oxo-3-phenyl-3,4,5,6,7,8-hexahydro-benzo)[4,5]thieno[2,3-d]pyrimidin-2-ylsulfanyl)-acetamide;

2-(2,2,3,3-Tetrafluoro-propionyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

2-[3-(2,2,2-Trichloro-1-propionyl-amino-ethyl)-thioureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

2-(2,4-Dichlorophenoxy)-N-(4-oxo-2-propyl-5,6,7,8-tetrahydro-4H-benzo[4,5]thieno[2,3-d]pyrimidin-3-yl)-acetamide;

6-Methyl-2-[(thiophene-2-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

2-[3-(3,4-Dichloro-phenyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

2-(2-Piperidin-1-yl-acetyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

2-[2-(4-Methyl-piperazin-1-yl)-acetyl-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

2-(3-Furan-2-yl-acryloyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

2-[(2-Ethoxy-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

6-Methyl-2-(3-phenyl-propionylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 Tetrahydro-furan-2-carboxylic acid (3-carbamoyl-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide;  
 2-(4-Fluoro-benzenesulfonylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 6-tert-Butyl-2-[2-(5-methyl-3-trifluormethyl-pyrazol-1-yl)-acetyl-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 6-tert-Butyl-2-[2-(3,5-dimethyl-4-nitro-pyrazol-1-yl)-acetyl-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 2-Amino-6-tert-butyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 2-[2-(3,5-Dimethyl-4-nitro-pyrazol-1-yl)-acetyl-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 2-(3-Carboxy-acryloylamino)-6-(1,1-dimethyl-propyl)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 6-(1,1-Dimethyl-propyl)-2-[(5-methyl-furan-2-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 2-(Cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 2-[2-(4-Nitrophenyl)-acetyl-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 6-Methyl-2-[2-(3-nitro-[1,2,4]triazol-1-yl)-acetyl-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;  
 Furan-2-carboxylic acid [3-(2-hydroxy-ethylcarbamoyl)-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl]-amide;  
 2-Acetyl-amino-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 2-(2,2,-Dimethyl-propionylamino)-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 2-Isobutyrylamino-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 2-(2-Methyl-acryloylamino)-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 2-[(Thiophene-2-carbonyl)-amino]-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 Furan-2-carboxylic acid (3-carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide;  
 2-(Cyclobutanecarbonyl-amino)-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 2-(2-Methyl-butyrylamino)-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 2-(Cyclopropanecarbonyl-amino)-4-methyl-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 6-tert-Butyl 2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 2-(Cyclopropanecarbonyl-amino)-6-methyl-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 2-(Cyclopropylmethyl-amino)-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 2-(Cyclohexanecarbonyl-amino) 4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;  
 2-Acetyl-amino-6-methyl-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;

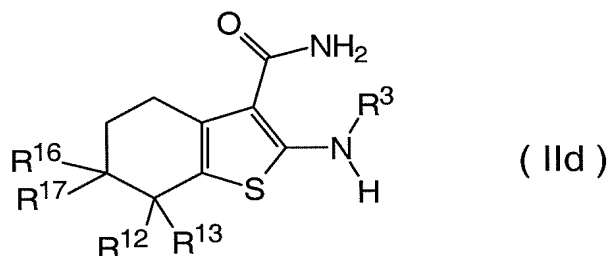
2-Amino-4,7-dihydro-5H-thieno[2,3-c]-thiopyran-3-carboxylic acid amide;  
 2-(Cyclopropanecarbonyl-amino)-4,7-dihydro-5H-thieno[2,3-c]-thiopyran-3-carboxylic acid amide;  
 2-(Cyclopropanecarbonyl-amino)-6 $\lambda$ <sup>4</sup>-oxo-4,5,6,7-tetrahydro-thieno[2,3-c]thiopyran-3-carboxylic acid amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-acetamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-propionamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-2-butynoic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-cyanoacetamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-cyclopropanecarboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-isobutyramide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-3,3-dimethylacrylic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-2-ketobutyramide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-N,N-dimethylglycinamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-3-chloropropionamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-imidazol-4-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-pyrrole-2-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-cyclopentanecarboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-1-cyanocyclopropane-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-N-acetylglycinamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-pyrrole-3-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-benzamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-4-pyrazolecarboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-picolinic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-nicotinic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-isonicotinic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-2-pyrazinecarboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-1-methylpyrrole-2-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-3-methyl-2-furoic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-5-methylisoxazole-4-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-3-methylisoxazole-4-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-thiophene-2-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-thiophene-3-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-dl-pyroglutamic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-1-(aminocarbonyl)-1-cyclopropanecarboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-o-toluic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-5-methylisoxazole-3-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-m-toluic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-3-aminopyrazole-4-carboxamide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-p-toluic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-salicylic amide;  
 N-[3-carbamoyl-4,5,6,7-tetrahydrobenzo[b]thien-2-yl]-3-hydroxybenzamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-3,4,5-trimethoxybenzamide;



N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-2,4,6-trimethoxybenzamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-3-chlorobenzo[b]thiophene-2-carboxamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-3-(phenylsulfonyl)propionamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-4-toluenesulfonylacetamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-4-methylsulfonylphenylacetamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-5-fluoroindole-3-acetamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-3-phthalimido-propionamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-5-methoxy-2-methyl-3-indoleacetamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-5-methoxy-1-indanone-3-acetamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-5-(4-chlorophenyl)-2-furoic amide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-6-chlorokynurenic amide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-N'-(4-chlorophenyl)maleamic amide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-N'-p-tosylglycinamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-5-chloroindole-2-carboxamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-N'-(1-naphthyl)maleamic amide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-3-iodobenzamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-4-iodobenzamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-N-m-tolylphthalamic amide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-N'-acetyl-dl-histidine;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-3-acetamino-6-bromobenzamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-2-acetamido-5-bromobenzamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-2-iodophenylacetamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-4-iodophenylacetamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-8-(3-carboxamidopropyl)-1,3-dimethylxanthine;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-7-bromokynurenic amide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-N'-benzoyl-dl-phenylalaninamide;

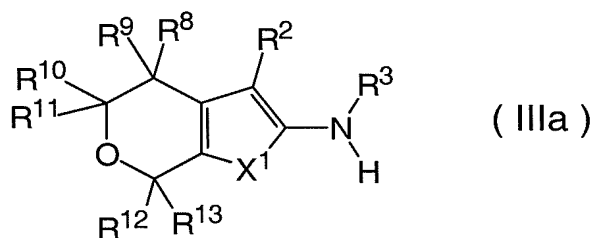
N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-indole-3-butylamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-4-chloroindole-3-acetamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-dl-desthiobiotin;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-4,6-dichloroindole-2-carboxamide;  
 N-[3-carbamoyl-6-methyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl]-N'-benzoyl-histidinamid;  
 2-Amino-6-(4-fluoro-phenyl)-benzo[b]thiophene-3-carboxylic acid amide;  
 2-Ureido- benzo[b]thiophene-3-carboxylic acid amide.

2. (Original) Compounds according to claim 1, wherein X<sup>1</sup> is S.
3. (Currently Amended) Compounds according to claim 1 ~~or 2~~, wherein R<sup>8</sup> and R<sup>9</sup> represent hydrogen.
4. (Currently Amended) Compounds according to claim 1 ~~any one of claims 1—3~~, represented by the general formula (IId):



wherein  
 R<sup>3</sup>, R<sup>12</sup>, R<sup>13</sup>, R<sup>16</sup>, and R<sup>17</sup> have the meanings as defined in claim 1.

5. (Currently Amended) Compounds according to claim 1 ~~any one of claims 1—3~~, represented by the general formula (IIIa):

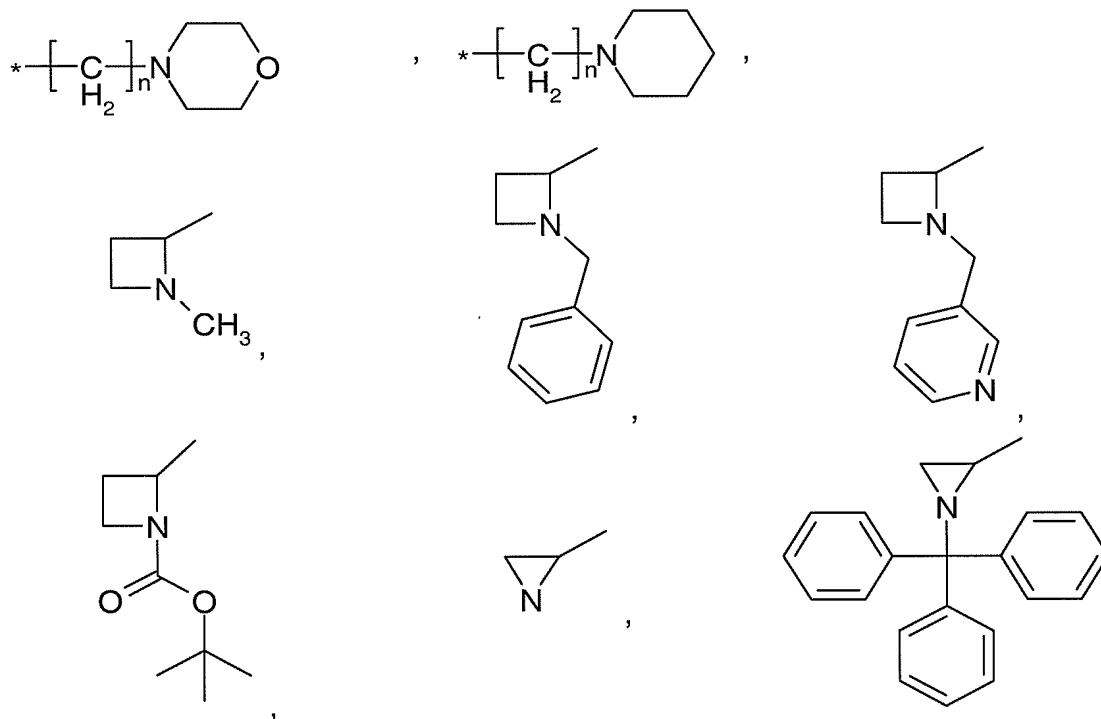


wherein  
 X<sup>1</sup> is selected from S, O, NR<sup>4</sup>,

R<sup>4</sup> is selected from H, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl,  
 R<sup>2</sup> is selected from -CO-NH-R<sup>4</sup>, -CS-NH-R<sup>4</sup>, -SO<sub>2</sub>-NH-R<sup>4</sup>;  
 wherein R<sup>4</sup> is selected from -H, HO-substituted, H<sub>2</sub>N-substituted or HS-substituted C<sub>1</sub>-C<sub>6</sub>-alkyl,

$R^3$  is selected from H,  $-C(=O)R^5$ ,  $-C(=S)R^5$ ,  $-C(=NH)R^5$  and  $-SO_2R^5$ ,  
wherein

$R^5$  is selected from substituted or unsubstituted  $C_3$ - $C_6$ -cycloalkyl,  $C_1$ - $C_6$ -alkyl, aryl, heteroaryl, heterocycloalkyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkinyl, adamantyl,



or  $-(CH_2)_n-NR^6R^7$ ,

wherein  $R^6$  and  $R^7$  are independently selected from substituted or unsubstituted  $C_1$ - $C_4$ -alkyl or  $C_2$ - $C_4$ -alkenyl and wherein  $n = 1$  to 6,

or  $NR^6R^7$ ,

wherein

$R^6$  is selected from H,  $C_1$ - $C_6$ -alkyl, and

$R^7$  is selected from substituted or unsubstituted  $C_3$ - $C_6$ -cycloalkyl,  $C_1$ - $C_6$ -alkyl, aryl, heteroaryl, heterocycloalkyl,  $C_2$ - $C_4$ -alkenyl,  $C_2$ - $C_4$ -alkinyl, or adamantyl,

$R^8$  is H and  $R^9$  is selected from H, substituted or unsubstituted  $C_1$ - $C_6$ -alkyl

$R^{10}$  is selected from H, substituted or unsubstituted  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy, or OH

$R_{11}$  is selected from H and substituted or unsubstituted  $C_1$ - $C_6$ -alkyl

$R_{12}$  is selected from H and substituted or unsubstituted  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy, or OH, and

$R^{13}$  is selected from H or substituted or unsubstituted  $C_1$ - $C_6$ -alkyl,

and stereoisomeric and regioisomeric forms and pharmaceutically acceptable salts of these compounds.

6. (Currently Amended) Compounds according to any claim 1 ~~one of claims 1—5~~, | wherein R<sup>2</sup> is —CO—NH<sub>2</sub>.
7. (Original) Compounds of general formula (I) according to claim 1, selected from the group comprising:
  - (Comp. A1) 2-(3-Cyclohexyl-ureido)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A2) 2-(Cyclopropanecarbonyl-amino)-6-methoxy-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A3) Acetic acid 3-carbamoyl-2-(cyclopropanecarbonyl-amino)-benzo[b]thiophen-6-yl ester,
  - (Comp. A4) 2-[(2-Methyl-cyclopropanecarbonyl)-amino]-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A5) 6-Hydroxy-2-[(2-methyl-cyclopropanecarbonyl)-amino]-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A6) 2-(cyclopropanecarbonyl-amino)-6-methyl-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A7) 2-(Cyclopropanecarbonyl-amino)-6-methylcarbamoylmethoxy-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A8) 2-(Cyclopropanecarbonyl-amino)-6-[(2-hydroxy-ethylcarbamoyl)-methoxy]-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A9) 2-(Cyclopropanecarbonyl-amino)-6-ethoxy-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A10) 7-Chloro-2-(cyclopropanecarbonyl-amino)-6-(2-piperidin-1-yl-ethoxy)-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A11) 6-Hydroxy-2-[3-(4-methoxy-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A12) 6-Hydroxy-2-(3-phenyl-ureido)-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A13) N-(3-Carbamoyl-6-hydroxy-benzo[b]thiophen-2-yl)-oxalamide,
  - (Comp. A14) 5-Bromo-2-(cyclopropanecarbonyl-amino)-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A15) 6-Bromo-2-(cyclopropanecarbonyl-amino)-7-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A16) 2-(Cyclopropanecarbonyl-amino)-benzo[b]thiophene-3-carboxylic acid amide,
  - (Comp. A17) 2-(Cyclopropanecarbonyl-amino)-6-hydroxy-benzo[b]thiophene-3,5-dicarboxylic acid 3-amide-5-diethylamid,

- (Comp. A18) 2-(Cyclopropanecarbonyl-amino)-6-hydroxy-benzo[b]thiophene-3,7-dicarboxylic acid 3-amide-7-diethylamid,
- (Comp. A19) 6-(3-Amino-propoxy)-2-(cyclopropanecarbonyl-amino)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A20) 2-(Cyclopropanecarbonyl-amino)-6-(2-hydroxy-ethoxy)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A21) 2-(Cyclopropanecarbonyl-amino)-6-[2-(tetrahydro-pyran-2-yloxy)-ethoxy]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A22) (3-Carbamoyl-6-hydroxy-benzo[b]thiophen-2-yl)-carbamic acid benzyl ester,
- (Comp. A23) 6-Ethoxy-2-[3-(4-methoxy-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A24) 7-Chloro-2-[3-(4-fluoro-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A25) Diethyl-carbamicacid-3-carbamoyl-2-(cyclopropane-carbonyl-amino)-benzo[b]thiophen-6-yl ester,
- (Comp. A26) 6-Hydroxy-2-[3-(4-trifluoromethyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amid,
- (Comp. A27) 2-[3-(4-Bromo-phenyl)-ureido]-6-methyl-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A28) 3-Carbamoyl-2-(cyclopropanecarbonyl-amino)-benzo[b]thiophen-6-carboxylic acid ethyl ester,
- (Comp. A29) [3-Carbamoyl-2-(cyclopropanecarbonyl-amino)-benzo[b]thiophen-6-yloxy]-acetic acid methyl ester
- (Comp. A30) 2-(Cyclopropanecarbonyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A31) 2-[3-(4-Fluoro-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amid,
- (Comp. A32) 7-Bromo-2-(cyclopropanecarbonyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A33) 6-Hydroxy-2-[3-(4-iodo-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A34) 2-(Cyclopropanecarbonyl-amino)-6-(2-piperidin-1-yl-ethoxy)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A35) 7-Chloro-2-(cyclopropanecarbonyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A36) 2-(Cyclopropanecarbonyl-amino)-benzo[b]thiophene-3-carboxylic acid methylamide,
- (Comp. A37) 7-Chloro-6-hydroxy-2-[(2-methyl-cyclopropanecarbonyl)-amino]-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. A38) 5,7-Dibromo-2-(cyclopropanecarbonyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A39) 2-[3-(4-Bromo-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A40) 2-Cyclopropyl-7-methyl-3H-benzo[4,5]thieno[2,3-d]pyrimidin-4-one;
- (Comp. A41) 2-[3-(4-Ethoxy-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A42) 2-[3-(3-Chloro-4-methyl-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A43) 5,7-dichloro-2-(cyclopropanecarbonyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A44) 5,7-Dichloro-2-(cyclopropanecarbonyl-amino)-6-methoxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A45) 5,7-Dichloro-2-(cyclopropanecarbonyl-amino)-6-ethoxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A46) 5,7-Dichloro-2-(cyclopropanecarbonyl-amino)-6-isopropoxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A47) 2-[3-(3-Chloro-2-methyl-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A48) 6-Hydroxy-2-[3-(2-methylsulfanyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A49) 5,7-Dichloro-2-(cyclopropanecarbonyl-amino)-6-(2-hydroxyethoxy)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A50) 6-(2-Amino-ethoxy)-5,7-dichloro-2(cyclopropanecarbonyl-amino)-benzo[b]thiophene-3-carboxylic acid amide hydrochloride,
- (Comp. A51) 2-(Cyclopropanecarbonyl-amino)-6-(2-morpholin-4-yl-2-oxo-ethoxy)-benzo[b]thiophene-3-carboxamide,
- (Comp. A52) 2-(Cyclopropanecarbonyl-amino)-6-[(3-hydroxy-propyl-carbamoyl)-methoxy]-benzo[b]thiophene-3-carboxamide,
- (Comp. A53) 6-[[Bis-(2-hydroxy-ethyl)-carbamoyl]-methoxy]-2-(cyclopropanecarbonyl-amino)-benzo[b]thiophene-3-carboxamide,
- (Comp. A54) 2-(Cyclopropanecarbonyl-amino)-6-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethoxy]-benzo[b]thiophene-3-carboxamide,
- (Comp. A55) 2-(Cyclopropanecarbonyl-amino)-6-[(3,4-dimethoxy-benzylcarbamoyl)-(methoxy)]-benzo[b]thiophene-3-carboxamide,
- (Comp. A56) 2-(Cyclopropanecarbonyl-amino)-6-[(1-phenyl-ethylcarbamoyl)-methoxy]-benzo[b]thiophene-3-carboxamide,
- (Comp. A57) 6-Hydroxy-2-(3-pyridin-3-yl-ureido)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A58) 6-Hydroxy-2-[3-(6-methoxy-pyridin-3-yl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A59) 6-Hydroxy-2-(3-pyridin-4-yl-ureido)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A60) 2-[3-(4-Cyano-3-isopropyl-isoxazol-5-yl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. A61) 2-[3-(4-Cyano-3-cyclopropyl-isoxazol-5-yl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A62) 2-[3-(2,3-Dichloro-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A63) 6-Hydroxy-2-[3-(2-trifluoromethoxy-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A64) 6-Hydroxy-2-[3-(4-nitro-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A65) 6-Hydroxy-2-[3-(3,4,5-trimethoxy-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A66) 6-Hydroxy-2-(3-p-tolyl-ureido)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A67) 6-Hydroxy-2-[3-(2-thiophen-2-yl-ethyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A68) 6-Hydroxy-2-[3-(4-methyl-cyclohexyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A69) 2-(3-Cyclopentyl-ureido)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A70) 2-[3-(2-Cyclohex-1-enyl-ethyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A71) 6-Hydroxy-2-{3-[2-(4-methoxy-phenyl)-ethyl]-ureido}-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A72) 6-Hydroxy-2-[3-(2-hydroxy-ethyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A73) 6-Hydroxy-2-[3-(3-hydroxy-propyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A74) 6-Hydroxy-2-(3-piperidin-1-yl-ureido)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A75) 2-(3-Bicyclo[2.2.1]hept-2-yl-ureido)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A76) 2-Amino-6-ethoxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A77) 6-Ethoxy-2-[3-(4-fluoro-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A78) 2-[3-(4-Bromo-phenyl)-ureido]-6-ethoxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A79) 6-Ethoxy-2-(3-p-tolyl-ureido)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A80) 2-[3-(2,4-Difluoro-phenyl)-ureido]-6-ethoxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A81) 6-Ethoxy-2-[3-(3,4,5-trimethoxy-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A82) 2-[3-(2-Difluoromethoxy-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. A83) 6-Hydroxy-2-[3-(4-trifluoromethylsulfanyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A84) 7-Chloro-2-(4-fluoro-3-chlorobenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A85) 7-Chloro-2-(3,5-dichlorobenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A86) 7-Chloro-6-hydroxy-2-[3-(2-methylsulfanyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A87) 7-Chloro-2-(4-cyanobenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A88) 7-Chloro-2-(2,3-dichlorobenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A89) 7-Chloro-2-(4-thiomethylbenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A90) 7-Chloro-2-(3,4-dimethylbenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A91) 7-Chloro-2-(4-isopropylbenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A92) 7-Chloro-2-(3,5-bis trifluoromethylbenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A93) 7-Chloro-2-(4-chlorobenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A94) 7-Chloro-2-(4-trifluoromethylbenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A95) 7-Chloro-2-(2,4-difluorobenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A96) 7-Chloro-2-(3-fluorobenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A97) 7-Chloro-2-(3,4,5-trimethoxybenzoyl-amino)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A98) 2-(3-benzo[1,3]dioxol-5yl-ureido)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A99) N-(3-carbamoyl-6-hydroxy-benzo[b]thiophen-2-yl)-oxalamic acid,
- (Comp. A100) 6-Ethoxy-2-[3-(4-trifluoromethyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A101) 6-Ethoxy-2-[3-(4-nitro-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A102) 6-Ethoxy-2-(3-phenyl-ureido)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A103) 6-Ethoxy-2-[3-(4-ethoxy-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A104) 6-Ethoxy-2-[3-(4-methylsulfanyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A105) 2-(Cyclopropanecarbonyl-amino)-5-[3-(4-methylsulfanyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A106) 5-[3-(4-Bromo-phenyl)-ureido]-2-(cyclopropanecarbonyl-amino)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A107) 2-(Cyclopropanecarbonyl-amino)-5-[3-(4-iodo-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A108) 2-(Cyclopropanecarbonyl-amino)-5-(3-phenyl-ureido)-benzo[b]thiophene-3-carboxylic acid amide,



- (Comp. A109) 7-Bromo-2-[3-(4-bromo-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A110) 7-Bromo-6-hydroxy-2-[3-(4-trifluoromethoxy-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A111) 7-Bromo-6-hydroxy-2-[3-(4-methylsulfanyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A112) 7-Chloro-2-[3-(4-difluoromethoxy-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A113) 2-(Cyclopropanecarbonyl-amino)-5-nitro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A114) 5-Amino-2-(cyclopropanecarbonyl-amino)-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A115) 6-Hydroxy-2-[3-(4-trifluoromethoxy-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A116) 6-Hydroxy-2-[3-(4-methylsulfanyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A117) 2-(3,3-Dimethyl-ureido)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A118) 2-(3-Cyclopropyl-ureido)-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A119) 6-Hydroxy-2-[3-(3-methylsulfanyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A120) (3-Carbamoyl-5,7-dichloro-6-hydroxy-benzo[b]thiophen-2-yl)-carbamic acid ethyl ester,
- (Comp. A121) 2-[3-(3-Bromo-phenyl)-ureido]-6-hydroxy-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. A122) 6-Hydroxy-2-[3-(3-trifluoromethyl-phenyl)-ureido]-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. B1) 2-(Cyclopropanecarbonyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B2) 2-Isobutyrylamino-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B3) 2-[(2-Phenyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B4) 2-[(2-Methyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B5) 2-[(Furan-2-carbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B6) 2-[(Adamantane-1-carbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B7) 2-(Cyclohexanecarbonyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B8) 2-(3-Cyclohexyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B9) 2-(3-Phenyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B10) 2-(Cyclopentanecarbonyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B11) 2-[3-(4-Acetyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B12) 2-[3-(4-Methyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B13) 2-[3-(4-Fluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B14) 2-(2-Methyl-butyrylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B15) 2-(Cyclobutanecarbonyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B16) 2-But-2-enoylamino-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B17) 2-(3-Methyl-but-2-enoylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B18) 2-(2,2-Dimethyl-propionylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B19) 2-(3,4-Difluoro-benzoylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B20) 5,5-Dimethyl-2-(3-phenyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B21) 2-[3-(5-Phenyl-2-p-tolyl-2H-pyrazol-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B22) 2-[3-(5-tert-Butyl-2-p-tolyl-2H-pyrazol-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B23) 2-[2-(2-Bromo-phenylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B24) 2-(Cyclopropanecarbonyl-amino)-7-dimethylamino-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B25) 2-(Cyclopropanecarbonyl-amino)-7-[4-(4-methyl-piperazin-1-yl)-phenylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B26) 2-(Cyclopropanecarbonyl-amino)-7-(4-methyl-piperazin-1-yl)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B27) 2-(Cyclopropanecarbonyl-amino)-7-(2-dimethylamino-ethylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B28) 2-(3-Biphenyl-2-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B29) 2-[3-(2-Ethoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B30) 2-(3,3-Diethyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B31) 4-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-ylcarbamoyl)-piperazine-1-carboxylic acid ethyl ester,
- (Comp. B32) 4-Phenyl-piperazine-1-carboxylic acid (3-carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-amide,
- (Comp. B33) 2-{3-[3-(4-Chloro-phenyl)-4-cyano-isoxazol-5-yl]-ureido}-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B34) 2-[3-(3-Imidazol-1-yl-propyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B35) 2-(3,3-Diallyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B36) (3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-carbamic acid 2-methoxy-phenyl ester,
- (Comp. B37) 2-[3-(4-Bromo-phenyl)-thioureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B38) 2-[3-(4-Methylsulfanyl-phenyl)-thioureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B39) 2-[3-(Hydrazinocarbonyl-phenyl-methyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B40) 2-[(2-Benzoyloxymethyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B41) N-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-oxalamide,
- (Comp. B42) 2-[[3-(2,2-Dichloro-vinyl)-2,2-dimethyl-cyclopropanecarbonyl]-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B43) 2-[3-(4-Bromo-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B44) 4-Hydroxy-piperidine-1-carboxylic acid (3-carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-amide
- (Comp. B45) 2-[3-(5-Methyl-furan-2-ylmethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B46) 2-[3,3-Bis-(2-hydroxy-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B47) 2-[3-(4-Methyl-cyclohexyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B48) 2-(3-Cyclopentyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B49) 2-(Cyclopropanecarbonyl-amino)-7-morpholyn-4-yl-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B50) 2-{3-[2-(4-Methoxy-phenyl)-ethyl]-ureido}-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B51) 2-[3-(2-tert-Butyl-5-phenyl-2H-pyrazol-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B52) Morpholine-4-carboxylic-acid(3-carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-amide,
- (Comp. B53) 4-Methyl-piperazine-1-carboxylic-acid (3-carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-amide,
- (Comp. B54) Piperidine-1-carboxylic-acid (3-carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-amide,
- (Comp. B55) 2-[3-(2-Methyl-cyclohexyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B56) 2-[3-Bicyclo[2.2.1]hept-2-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B57) 2-(3,3-Diisopropyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B58) Thiomorpholine-4-carboxylic-acid(3-carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-amide,
- (Comp. B59) 2-[3-(5-Fluoro-2-methyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B60) 2-[3-(2-Hydroxy-butyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B61) 2-(Cyclopropanecarbonyl-amino)-7-(3-dimethylamino-propylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B62) 2-[3-(2-Cyclohex-1-enyl-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B63) 2-[3-(2,6,6-Trimethyl-bicyclo[3.1.1]hept-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B64) 2-(2-Ethylamino-acetyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B65) 2-(Cyclopropanecarbonyl-amino)-7-(2-pyridin-2-yl-ethylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B66) 2-(Cyclopropanecarbonyl-amino)-7-(3-morpholin-4-yl-propylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B67) 2-[3-(4-Methylsulfanyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B68) 2-[3-(3-Diethylamino-propyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B69) 2-[3-(2-Diethylamino-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B70) 2-[3-(2-Dimethylamino-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B71) 2-(Cyclopropanecarbonyl-amino)-7,7-dimethyl-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B72) 2-[3-(1-Benzyl-pyridin-4-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B73) 2-(3-Pyridin-4-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B74) 2-[3-(4-Chloro-3-trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B75) 2-[3-(2-Thiophen-2-yl-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B76) 2-(3-Thiophen-2-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B77) 2-(2-Cyclopropyl-acetyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B78) 2-(3-Pyridin-3-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B79) 2-(3-Benzo[1,3]dioxol-5-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B80) 2-(3-Furan-2-ylmethyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B81) 2-[3-(2,5-Di-tert-butyl-2H-pyrazol-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B82) 2-[3-(4-Benzyloxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B83) 2-(2-Methyl-acryloylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B84) 2-(3-Isopropyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B85) 2-[3-(2,6-Diisopropyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B86) 2-[3-(3-Chloro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B87) 2-(3-Benzyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B88) 2-[3-(4-Isopropyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B89) 2-[3-(3-Acetyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B90) 2-[3-(3-Ethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B91) 2-[3-(1-Naphthalen-1-yl-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B92) 2-(2-Azepan-1-yl-acetyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B93) 2-[3-(3,4-Dimethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B94) 2-(2-Ethyl-butyrylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B95) 2-[(1-Methyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B96) 2-[(3-Methyl-cyclohexanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B97) 2-[3-(5-Chloro-2-methoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B98) 2-(3-Methyl-butyrylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B99) 2-(Cyclopropanecarbonyl)-amino)-7-isopropoxy-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B100) 2-[3-(3-Chloro-2-methyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B101) 2-[3-(2-Chloro-3-methyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B102) 2-(4-Bromo-benzoylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B103) 2-[3-(1-Methyl-cyclopropyl)-thioureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B104) N-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-succinamic acid,
- (Comp. B105) 3-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)carbamoyl-acrylic acid,
- (Comp. B106) 2-[3-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-ureido]-3-methyl-butyric acid methyl ester,
- (Comp. B107) 2-[(Tetrahydro-furan-3-carbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B108) 2-(2-Bicyclo[2.2.1]hept-2-yl-acetyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B109) 2-(2-Cyclopentyl-acetylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B110) 2-[2-(3-Acetyl-2,2-dimethyl-cyclobutyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B111) 2-(2-Cyclopropylamino-acetylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B112) 2-[(2,2,3,3-Tetramethyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B113) N-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-oxalamic acid methyl ester,
- (Comp. B114) 2-[3-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-ureido]-3-methyl-butyric acid allyl ester,
- (Comp. B115) 2-[2-(1,3-Dimethyl-butylamino)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B116) 2-[3-(3-Trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B117) 2-[3-(2,3-Dichloro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B118) 2-[3-(2-Methoxy-benzyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B119) 2-[3-(4-Nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B120) 2-[3-(2,4-Difluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B121) 2-[3-(3,4,5-Trimethoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B122) 2-[3-(3,5-Dichloro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B123) 2-[3-(2-Nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B124) 2-[3-(3-Methoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B125) 2-[3-(2-Methyl-5-nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B126) 2-(3-Adamantan-1-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B127) 2-[3-(3-Nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B128) 2-[3-(2-Methyl-3-nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B129) 2-[3-(3-Bromo-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B130) 2-(3-m-Tolyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B131) 2-[3-(3-Methyl-butyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B132) 2-[3-(4-Methyl-3-nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B133) 2-[3-(4-Methoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B134) 2-[3-(3-Chloro-4-fluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B135) 2-(3-Phenyl-acryloylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B136) 2-[3-(3-Amino-phenylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B137) 2-(2-Methyl-but-2-enoylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B138) 2-(4,4,4-Trifluoro-3-methyl-but-2-enoylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B139) 2-(3-Isopropyl-thioureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B140) 2-(3,3-Dimethyl-butyrylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B141) 2-[3-(3-Morpholyn-4-yl-propyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B142) 2-[3-(3,4-Dichloro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B143) 2-[3-(4-Phenoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B144) 2-[3-(4-Trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B145) 2-[3-(2-Methyl-benzyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B146) 2-(3-Biphenyl-4-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B147) 2-[3-(4-Methoxy-benzyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B148) 2-[3-(4-Methyl-benzyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,



- (Comp. B149) 2-[3-(3-Methyl-benzyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B150) 2-(3-o-Tolyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B151) 5-Methyl-isoxazole-4-carboxylic acid (3-carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl) amide,
- (Comp. B152) 2-[2-(2-Thiophen-2-yl-ethylamino)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B153) 2-[2-(3,5-Dimethoxy-phenylamino)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B154) 2-[3-(3,5-Bis-trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B155) 2-[3-(2-Chloro-5-trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B156) 2-(Cyclopropanecarbonyl-amino)-5,5-dimethyl-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B157) 4-[3-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-ureido]-1-methyl-pyridinium iodide,
- (Comp. B158) 2-[3-(6-Methyl-pyridin-2-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B159) 2-[3-(6-Methoxy-pyridin-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B160) 2-[3-(2-Chloro-pyridin-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B161) 2-(3-Pyridin-3-yl-thioureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B162) 2-[3-(2-Methyl-quinolin-4-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B163) 2-[3-(2,6-Dimethoxy-pyridin-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B164) 2-[3-(6-Chloro-pyridin-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B165) 2-(Cyclopropanecarbonyl-amino)-7-ethoxy-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B166) 2-[3-(3-Fluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B167) 7-(3-Chloro-4-fluoro-phenylamino)-2-(cyclopropanecarbonyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B168) 2-(Cyclopropanecarbonyl-amino)-7-(2-morpholin-4-yl-ethylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B169) 2-{3-[4-(2-Morpholin-4-yl-ethoxy)-naphthalen-1-yl]-ureido}-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B170) 2-[2-(2-Chloro-phenylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B171) 2-(3-Methyl-pentanoylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B172) 2-[(2-Methoxymethyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B173) 2-(2-Methyl-pentanoylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B174) 2-[(2-Allyloxymethyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B175) 2-[(2-Octyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B176) 2-Ureido-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B177) 2-(3-Methyl-pent-4-enoylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B178) 2-(3-Phenyl-propionylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B179) 2-[3-(4-Ethoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B180) 2-[3-(5-Chloro-2,4-dimethoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B181) 4-[3-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-ureido]-piperidine-1-carboxylic-acid ethyl ester,
- (Comp. B182) 2-(3,3-Dimethyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B183) 2-[(2-Fluoro-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B184) 2-[2-(Naphthalen-2-ylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B185) 2-[2-(2,4-Dimethyl-phenylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B186) 2-[2-(Quinolin-8-ylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B187) 2-[2-(2,6-Dichloro-phenylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B188) 2-[2-(4-Methyl-2-oxo-2H-chromen-7-ylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B189) 2-[2-(2-Nitro-4-trifluoromethyl-phenylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B190) 2-(3,3-Dibutyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B191) 2-[3-(2-Hydroxy-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B192) 2-[3-(3-Hydroxy-propyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B193) 2-[[2-(4-Methyl-piperazin-1-ylmethyl)-cyclopropanecarbonyl]-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B194) 2-[(2,2-Dichloro-3,3-dimethyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B195) 2-[3-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-ureido]-3-(4-chloro-phenyl)-propionic-acid methyl ester,
- (Comp. B196) 2-[(2-Morpholin-4-ylmethyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B197) 2-[(2-Dimethylaminomethyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B198) 2-[(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-ylcarbamoyl)-methylsulfanyl]-benzoic-acid methyl ester,
- (Comp. B199) 2-[2-(2,5-Dimethyl-phenylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B200) 2-[2-(2-Methoxy-phenylsulfanyl)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B201) 2-(3-Cyclopropyl-thioureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B202) 2-[2-(Cyclopropylmethyl-amino)-acetylamino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B203) 2-(2-Chloro-acetylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B204) 2-(2-Isopropylamino-acetylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B205) 2-(2-m-Tolylsulfanyl-acetylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B206) 2-(2-o-Tolylsulfanyl-acetyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B207) 2-[2-(3,4-Dichloro-phenylsulfanyl)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B208) 2-[2-(3-Methoxy-phenylsulfanyl)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B209) 2-[2-(2,3,5,6-Tetrafluoro-phenylsulfanyl)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B210) 2-[2-(2,5-Dichloro-phenylsulfanyl)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B211) 2-[2-(3-Chloro-phenylsulfanyl)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B212) 2-[2-(4-Methoxy-phenylsulfanyl)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B213) 2-[2-(3-Bromo-phenylsulfanyl)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B214) 2-(2-Pyrrolidin-1-yl-acetyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B215) 2-[2-(4-Fluoro-phenylsulfanyl)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B216) 2-[2-(4-Methyl-piperazin-1-yl)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B217) 2-(2-Bromo-acetyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B218) 2-[2-(2-Morpholin-4-yl-ethyl-amino)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B219) 2-(2-Butyl-amino-acetyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B220) 2-(2-Cyclohexyl-amino-acetyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B221) 2-[(2,2-Dimethyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B222) 2-[2-(2-Methyl-butyl-amino)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B223) 2-[2-(1,2-Dimethyl-propyl-amino)-acetyl-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B224) 2-(4-Methyl-pentanoyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B225) (3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-carbamic acid ethyl ester,

- (Comp. B226) 2-(3-Trifluoromethyl-benzoylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B227) 2-[3-(5-Chloro-2-methyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B228) 2-[(2-Methyl-cyclohexanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B229) 2-[(2-Hydroxymethyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B230) 2-[3-(2,4-Dimethoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B231) 2-[3-(2-Hydroxy-1-hydroxymethyl-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B232) 2-[3-(4-Diethylamino-1-methyl-butyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B233) 2-[3-(2-Pyridin-2-yl-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B234) 2-[3-(1-Cyclohexyl-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B235) 2-(Cyclopropanecarbonyl-amino)-7-(2-methoxy-ethoxy)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B236) 2-[3-(1,2,3,4-Tetrahydro-naphthalen-1-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B237) 2-[3-(5,6-Dichloro-pyridin-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B238) 2-(Cyclopropanecarbonyl-amino)-7-(2-piperidin-1-yl-ethylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B239) 2-(Cyclopropanecarbonyl-amino)-7-[(pyridin-2-ylmethyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B240) 2-(Cyclopropanecarbonyl-amino)-7-(2-ethoxy-ethoxy)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B241) 2-(Cyclopropanecarbonyl-amino)-7-(2-diethylamino-ethoxy)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B242) 2-(Cyclopropanecarbonyl-amino)-7-(2-chloro-ethoxy)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B243) 2-[3-(1,2-Dimethyl-propyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B244) 2-(Hydrazino-carbonyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B245) 2-[3-(4-Chloro-2-trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B246) 2-(Cyclopropanecarbonyl-amino)-7-(4-fluoro-benzylamino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B247) 2-[3-(2-Piperazin-2-yl-ethyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B248) 2-(Cyclopropanecarbonyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid (4-chloro-phenyl)-amide,
- (Comp. B249) 2-[3-(2-Methylsulfanyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B250) 2-[3-(2-Trifluoromethoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B251) 2-[3-(2-Difluoromethoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B252) 2-{3-[4-Cyano-3-(4-methoxy-phenyl)-isoxazol-5-yl]-ureido}-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B253) 2-[3-(4-Cyano-3-cyclopropyl-isoxazol-5-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B254) 2-(3-Pyrimidin-2-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B255) 2-[3-(4-Trifluoromethylsulfanyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B256) 2-[3-(4-Cyano-3-phenyl-isoxazol-5-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B257) 2-(3-Piperidin-1-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B258) 2-[3-(4-Methyl-piperazin-1-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B259) 2-[3-(4-tert-Butyl-cyclohexyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B260) 2-[3-(1S,2S,3S,5R-2,6,6-Trimethyl-bicyclo[3.1.1]hept-3-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B261) 2-[3-(2,3-Dihydro-benzo[1,4]dioxin-6-yl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B262) 2-[3-(2-Hydroxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B263) N-(3-carbamoyl-4,7-dihydro-5H-thieno[2,3]pyran-2-yl)-N'-(2-hydroxyethyl)-oxalamide,
- (Comp. B264) 4-[3-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-ureido]-benzoic acid ethyl ester,
- (Comp. B265) 2-[3-(3-Methylsulfanyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B266) 2-[3-(3-Methylsulfanyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B267) 2-[3-(2-Ethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,

- (Comp. B268) 2-[3-(2-Chloro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B269) 2-[3-(2-Chloro-6-methyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B270) 2-[3-(4-Bromo-2-fluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B271) 2-[3-(2-Fluoro-3-trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B272) 2-[3-(2,3,4-Trifluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B273) 2-[3-(2,6-Dibromo-4-fluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B274) 2-[3-(2,3-Dimethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B275) 2-[3-(3-Fluoro-4-methyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B276) 2-[3-(3,4-Difluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B277) 2-[3-(4-Chloro-2-methyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B278) 2-[3-(4-Ethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B279) 2-[3-(3-Iodo-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B280) 2-[3-(2,5-Dimethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B281) 2-[3-(4-Butoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B282) 2-[3-(2,4-Dibromo-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B283) 2-[3-(4-Butyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B284) 2-[3-(4-Dimethylamino-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B285) 2-[3-(4-Heptyloxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide,
- (Comp. B286) 2-[3-(2-Propyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-carboxylic acid amide.
- (Comp. C1) 2-(Cyclopropanecarbonyl-amino)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C2) 2-(Cyclopropanecarbonyl-amino)-6-oxo-4,5,6,7-tetrahydro-6 $\lambda^4$ -thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C3) 3-Carbamoyl-2-(cyclopropanecarbonyl-amino)-4,7-dihydro-5H-thieno[2,3-c]pyridine-6-carboxylic acid ethyl ester,
- (Comp. C4) 6-Acetyl-2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-thieno[2,3-c]pyridine-3-carboxylic acid amide,
- (Comp. C5) 2-[3-(4-Methoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,

- (Comp. C6) 2-{3-[4-(2-Morpholin-4-yl-ethoxy)-naphthalen-1-yl]-ureido}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C7) 2-[3-(3-Carbamoyl-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)-ureido]-3-methyl-butyric acid methyl ester,
- (Comp. C8) 2-[3-(4-Benzoyloxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C9) 2-[3-(3-Morpholin-4-yl-propyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C10) 2-(3-Pyridin-3-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C11) 2-[3-(3-Chloro-4-fluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C12) 2-[3-(2-Methoxy-benzyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C13) 2-[3-(4-Nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C14) 2-[3-(4-Isopropyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C15) 2-[3-(2,4-Difluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C16) 2-[3-(3,4,5-Trimethoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C17) 2-[3-(3,5-Dichloro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C18) 2-[3-(2-Nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C19) 2-[3-(3-Methoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C20) 2-[3-(2-Methyl-3-nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C21) 2-[3-(4-Chloro-3-nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C22) 2-[3-(2-Methoxy-5-nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C23) 2-[3-(3-Bromo-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C24) 2-[3-(3,5-Dimethoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C25) 2-[3-(4-Chloro-3-trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,



- (Comp. C26) 2-[3-(3,5-Bis-trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C27) 2-(3-m-Tolyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C28) 2-(3-p-Tolyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C29) 2-[3-(3-Methyl-benzyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C30) 2-[3-(2-Chloro-5-trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C31) 2-(3-o-Tolyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C32) 2-[3-(4-Methoxy-benzyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C33) 2-[3-(2-Methyl-benzyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C34) 2-[3-(2,3-Dichloro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C35) 2-(3-Biphenyl-4-yl-ureido)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C36) 2-[3-(3-Trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C37) 2-[3-(4-Bromo-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C38) 2-(3-Cyclohexyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C39) 2-(2-Methyl-acryloylamino)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C40) 2-[3-(3-Chloro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C41) 2-(3-Benzyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C42) 2-[3-(3-Methyl-butyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C43) 2-[3-(4-Methyl-benzyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C44) 2-(3-Isopropyl-ureido)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C45) 2-[3-(4-Fluoro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,

- (Comp. C46) 2-[3-(2-Methyl-5-nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C47) 2-[3-(4-Acetyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C48) 2-[3-(4-Methyl-2-nitro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C49) 2-[3-(4-Phenoxy-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C50) 2-[3-(3,4-Dichloro-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C51) 2-(Cyclopropanecarbonyl-amino)-6-methyl-4,5,6,7-tetrahydro-thieno[2,3-c]pyridine-3-carboxylic acid amide,
- (Comp. C52) 2-[(2,2,3,3-Tetramethyl-cyclopropanecarbonyl)-amino]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. C53) 2-[3-(4-Trifluoromethyl-phenyl)-ureido]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-3-carboxylic acid amide,
- (Comp. D1) 2-(Cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D2) Furan-2-carboxylic acid 2-[3-(2-hydroxy-ethylcarbamoyl)-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl]-amide,
- (Comp. D3) 2-Acetylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D4) 2-(2,2-Dimethyl-propionylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D5) 2-Isobutyrylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D6) 2-(2-Methyl-acryloylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D7) 2-[(Thiophene-2-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D8) Furan-2-carboxylic acid (3-carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide,
- (Comp. D9) 2-(Cyclobutanecarbonylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D10) 2-(2-Methyl-butyrylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D11) 2-(Cyclopropanecarbonyl-amino)-4-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D12) 6-tert-Butyl-2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. D13) 2-(Cyclopropanecarbonyl-amino)-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D14) 2-(Cyclohexanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D15) 2-Acetylamino-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D16) N-(3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-succinamic acid methyl ester,
- (Comp. D17) 6-Methyl-2-propionylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D18) 2-Isobutyrylamino-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D19) 2-Butyrylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D20) 3-(3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-ylcarbamoyl)-acrylic acid,
- (Comp. D21) N-(3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-succinamic acid,
- (Comp. D22) 2-Benzoylamino-5,6-dihydro-4H-cyclopenta[b]thiophene-3-carboxylic acid amide,
- (Comp. D23) Furan-2-carboxylic acid (3-carbamoyl-5,6-dihydro-4H-cyclopenta[b]thiophen-2-yl)-amide,
- (Comp. D24) 2-(2-Cyano-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D25) 2-(2-Phenoxy-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D26) 2-(3-Phenyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D27) 2-(2-Piperidin-1-yl-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D28) 2-(2-Diallylamino-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D29) 2-(2-Morpholin-4-yl-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D30) 4-Ethyl-piperazine-1-carboxylic acid (3-carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide,
- (Comp. D31) 2-(2-Diethylamino-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D32) 2-(3-Allyl-thioureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. D33) 2-Pentanoylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D34) 6-Methyl-2-(3-thiophen-2-yl-acryloylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D35) 2-[(Adamantane-1-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D36) 5,6-Dihydro-[1,4]-dioxine-2-carboxylic acid (3-carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide,
- (Comp. D37) 2-(Cyclopropanecarbonyl-amino)-5-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D38) 2-Isobutyrylamino-5-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D39) 2-Phenylacetylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D40) (3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-carbamic acid butyl ester,
- (Comp. D41) 6-Methyl-2-(3-methyl-but-2-enoylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D42) (3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-carbamic acid ethyl ester,
- (Comp. D43) 2-(2-Cyano-3-furan-2-yl-acryloylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D44) 2-(3-Methyl-but-2-enoylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D45) 2-(3-Phenyl-acryloylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D46) 2-(2-Methoxy-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D47) 2-[2-(1,1-Dioxo-tetrahydro-1 $\lambda^6$ -thiophen-3-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D48) 2-[2-(4-Methoxyphenyl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D49) (3-Carbamoyl-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-carbamic acid phenyl ester,
- (Comp. D50) 2-(4-Phenoxy-butyrylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D51) (3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-carbamic acid propyl ester,
- (Comp. D52) Tetrahydro-furan-2-carboxylic-acid(3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide,

- (Comp. D53) 2-(4-Phenyl-butyrylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D54) 2-(3-Pyrrolidin-1-yl-propionylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D55) 2-(2-Ethyl-hexanoylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D56) 2-(3-Cyclopentyl-propionylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D57) 2-(3-Cyclohexyl-propionylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D58) 2-(3-Methyl-butyrylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D59) 2-(2,2,2-Trifluoro-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D60) 2-(3-Furan-2-yl-acryloylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D61) 2-[(2-Phenyl-cyclopropanecarbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D62) 2-(Cyclopentanecarbonyl-amino)-6-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D63) 2-[(Bicyclo[2.2.1]heptane-2-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D64) 2-(3-Adamantan-1-yl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D65) 2-[3-(4-Methoxy-benzyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D66) 2-(Cyclopropanecarbonyl-amino)-6-fluoro-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D67) 6,6-Dibromo-2-(cyclopropanecarbonyl-amino)-7-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D68) 2-[3-(4-Methyl-benzyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D69) 2-[3-(3-Methyl-benzyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D70) 2-(3-p-Tolyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D71) 2-[3-(4-Methyl-2-nitro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D72) E-7-Benzyloxyimino-2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. D73) Z-7-Benzylxyamino-2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D74) 2-[3-(3-Methyl-butyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D75) 2-[3-(4-Acetyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D76) 2-[3-(2-Methyl-5-nitro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D77) 2-(3-m-Tolyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D78) 3-(3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-ylcarbamoyl)-acrylic acid,
- (Comp. D79) 2-(Cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3,6-dicarboxylic acid 3-amide 6-[(2-hydroxy-ethyl)-amide],
- (Comp. D80) 2-[3-(2-Methyl-benzyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D81) 2-[3-(3-Morpholin-4-yl-propyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D82) 3-Carbamoyl-2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-6-carboxylic acid,
- (Comp. D83) 2-[3-(4-Phenoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D84) E-2-(Cyclopropanecarbonyl-amino)-7-hydroxyimino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D85) E-2-(Cyclopropanecarbonyl-amino)-7-methoxyimino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D86) Cyclopropanecarboxylic acid (3-sulfamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide,
- (Comp. D87) 2-[3-(4-Trifluoromethyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D88) Z-2-(Cyclopropanecarbonyl-amino)-7-methoxyimino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D89) 2-(cyclopropanecarbonyl-amino)-6-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D90) 2-(cyclopropanecarbonyl-amino)-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D91) 2-Phenylmethanesulfonylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. D92) 1-Benzyl-2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-1H-indole-3-carboxylic acid amide,
- (Comp. D93) 2-(Cyclopropanecarbonyl-amino)-7-hydroxyimino-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D94) 2-[(2-Methyl-cyclopropanecarbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D95) 2-(Cyclopropanecarbonyl-amino)-5,5,7,7-tetramethyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D96) 2-(Cyclopropanecarbonyl-amino)-4-methyl-4,6-dihydro-thieno[2,3-c]furan-3-carboxylic acid amide,
- (Comp. D97) 2-[(Cyclopropylcarbonyl)amino]-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D98) 2-(Cyclopropanecarbonyl-amino)-4,4a,5,6,7,8,8a,9-octahydro-naphtho[2,3-b]thiophene-3-carboxylic acid amide,
- (Comp. D99) Cyclopropanecarboxylic-acid(3-thiocarbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide,
- (Comp. D100) 2-(Cyclopropanecarbothioyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carbothioic acid amide,
- (Comp. D101) 2-(Cyclopropanecarbonyl-amino)-6-(1-hydroxy-1-methyl-ethyl)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D102) 6-Ethyl-2-[(2-methyl-cyclopropanecarbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D103) 2-[3-(3,4-Dichloro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D104) Z-2-(Cyclopropanecarbonyl-amino)-7-hydroxyimino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D105) 2-[3-(4-Iodo-phenyl)-ureido]-6-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D106) 2-[3-(4-Methoxy-phenyl)-ureido]-6-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D107) 2-[3-(2,3-Dichloro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D108) 2-(Cyclopropanecarbonyl-amino)-6-hydroxymethyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D109) 2-[3-(4-Bromo-phenyl)-ureido]-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D110) 6-Methyl-2-[3-(4-trifluoromethoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D111) 2-[3-(4-trifluoromethoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. D112) 2-(3-Biphenyl-4-yl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D113) 2-[3-(4-Fluoro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D114) 2-[3-(4-Benzoyloxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D115) 2-(Cyclopropanecarbonyl-amino)-6-hydrazono-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D116) 2-([4-(Trifluoromethyl)phenyl]amino)carbonyl)amino]-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D117) 2-([4-(4-Acetylphenyl)amino]carbonyl)amino)-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D118) 2-(3-Cyclohexyl-ureido)-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D119) 6-Oxo-2-[3-(4-trifluoromethyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D120) 2-[3-(4-Acetyl-phenyl)-ureido]-6-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D121) 2-[3-(4-Fluoro-phenyl)-ureido]-6-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D122) 2-(3-Cyclohexyl-ureido)-6-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D123) N-(3-Carbamoyl-6-oxo-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-oxalamic acid methyl ester,
- (Comp. D124) 2-[3-(4-Bromo-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D125) 2-([(1,3-Benzodioxol-5-ylamino)carbonyl]amino)-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D126) 2-([(2-Methylcyclopropyl)carbonyl]amino)-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D127) 2-[(2-Methyl-cyclopropanecarbonyl)-amino]-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D128) 2-(Cyclopropanecarbonyl-amino)-6,6-difluoro-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D129) 2-[3-(3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-ureido]-3-methyl-butyric acid methyl ester,
- (Comp. D130) N-(3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-succinamic acid,



- (Comp. D131) 2-(3-o-Tolyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D132) 3-Carbamoyl-2-[3-(4-methoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-6-carboxylic acid ethyl ester,
- (Comp. D133) Cyclopropanecarboxylic acid (3-carbamimidoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide,
- (Comp. D134) 2-(Cyclopropanecarbonyl-amino)-6-hydroxyimino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D135) 2-(3-Benzyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D136) 2-[3-(2-Chloro-5-trifluoromethyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D137) 2-[3-(3,5-Bis-trifluoromethyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D138) 2-[3-(4-Chloro-3-trifluoromethyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D139) 2-[3-(3,5-Dimethoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D140) 2-[3-(4-Iodo-phenyl)-ureido]-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D141) 6-Hydroxy-2-[3-(4-methoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D142) 2-[3-(4-Fluoro-phenyl)-ureido]-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D143) 6-Hydroxy-2-(3-phenyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D144) 2-(Cyclopropanecarbonyl-amino)-6-methoxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D145) 2-[3-(3-Bromo-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D146) 3-Carbamoyl-2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-6-carboxylic acid ethyl ester,
- (Comp. D147) 2-(3-Cyclopropyl-thioureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D148) 2-[3-(3-Chloro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D149) 2-[3-(3-Trifluoromethyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D150) 2-(3-Pyridin-3-yl-thioureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. D151) 5-Methyl-isoxazole-4-carboxylic acid (3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide,
- (Comp. D152) 2-({[(2-Furylmethyl)amino]carbonyl}amino)-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D153) 2-[3-(2-Methoxy-5-nitro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D154) 2-(3-Isopropyl-ureido)-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D155) 2-(3-Cyclopropyl-ureido)-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D156) 6-Methyl-2-(2-methyl-butyrylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D157) 6-Hydroxy-2-[3-(4-methylsulfanyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D158) 2-(Cyclobutanecarbonyl-amino)-6-ethyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D159) 2-(Cyclopropanecarbonyl-amino)-6-propyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D160) 2-(Cyclopropanecarbonyl-amino)-6-methyl-4-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D161) 2-(Cyclopropanecarbonyl-amino)-6-methyl-7-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D162) 2-[3-(2-Methyl-3-nitro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D163) 2-{3-[4-(2-Morpholin-4-yl-ethoxy)-naphthalen-1-yl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D164) 2-[3-(3-Chloro-4-fluoro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D165) 2-[3-(4-Isopropyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D166) 2-[3-(3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-ureido]-3-(4-chloro-phenyl)-propionic acid methyl ester,
- (Comp. D167) 2-[3-(3-Nitro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D168) 2-(3-Cyclopropyl-ureido)-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D169) 6-Hydroxy-2-[3-(4-trifluoromethoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D170) 2-[3-(4-Bromo-phenyl)-ureido]-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D171) 2-[3-(4-Methoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D172) 2-(Cyclopropanecarbonyl-amino)-7-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D173) 6-Hydroxy-2-[3-(4-trifluoromethyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D174) 2-(3-Cyclohexyl-ureido)-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D175) 2-({[(4-Iodophenyl)amino]carbonyl}amino)-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,

(Comp. D176) 2-({[(4-Methoxyphenyl)amino]carbonyl}amino)-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,

(Comp. D177) Benzyl-3-(aminocarbonyl)-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolan]-2-ylcarbamate,

(Comp. D178) 2-({[(4-Fluorophenyl)amino]carbonyl}amino)-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,

(Comp. D179) 2-[3-(3-Methoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D180) 2-[3-(2-Nitro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D181) 2-[3-(3,5-Dichloro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D182) 2-[3-(3,4,5-Trimethoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D183) 2-[3-(2,4-Difluoro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D184) 2-[3-(4-Nitro-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D185) 2-(Cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methylamide,

(Comp. D186) 2-(Cyclopentanecarbonyl-amino)-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D187) 2-(Cyclobutanecarbonyl-amino)-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D188) 2-(3-Isopropyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D189) 6-Ethyl-2-[2-(4-nitro-phenyl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

(Comp. D190) 6-Methyl-2-[2-(4-nitro-phenyl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. D191) 2-(Cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid propylamide,
- (Comp. D192) 2-[3-(2-Methoxy-benzyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D193) 2-(Cyclopentanecarbonyl-amino)-6-phenyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D194) 2-(Cyclopentanecarbonyl-amino)-6-ethyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D195) (5-Amino-pentyl)-carbamic acid 3-carbamoyl-2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophen-6-yl ester,
- (Comp. D196) 2-(Cyclopropanecarbonyl-amino)-5,6-dihydro-4H-cyclopenta[b]thiophene-3-carboxylic acid amide,
- (Comp. D197) 6-Hydroxy-2-(2-hydroxy-acetyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D198) {5-[3-Carbamoyl-2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophen-6-yloxycarbonylamino]-pentyl}-carbamic acid tert-butyl ester,
- (Comp. D199) 2-[(Anilino-carbonyl)amino]-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D200) 2-([(4-Ethoxyphenyl)amino]carbonyl)amino)-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D201) 2-(Cyclopropanecarbonyl-amino)-6-hydroxy-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D202) 6-Hydroxy-2-[(2-methyl-cyclopropanecarbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D203) 6-Hydroxyimino-2-[3-(4-methoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D204) 2-[(2-Methyl-cyclopropanecarbonyl)-amino]-6-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D205) (3-Chloro-4-fluoro-phenyl)-carbamic acid 3-carbamoyl-2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophen-6-yl ester,
- (Comp. D206) 6-Methyl-2-[(2-methyl-cyclopropanecarbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D207) 2-[3-(4-Ethoxy-phenyl)-ureido]-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D208) 2-[3-(3-Carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-ureido]-4-methylsulfanyl-butyric acid methyl ester,

- (Comp. D209) 6-Hydroxy-2-{3-[4-(1-hydroxyethyl)-phenyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D210) 2-(Cyclopropanecarbonyl-amino)-4,5,6,7,8,9-hexahydro-cycloocta[b]thiophene-3-carboxylic acid amide;
- (Comp. D211) 6-Hydroxy-2-(3-isopropyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D212) 2-(3-Benzo[1,3]dioxol-5-yl-ureido)-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D213) Phenyl-3-(aminocarbonyl)-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolan]-2-ylcarbamate,
- (Comp. D214) 2-(Cyclopropanecarbonylamino)-6-methoxyimino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D215) 6-Benzyloxyimino-2-(cyclopropanecarbonylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D216) 2-(Cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-sulfonic acid,
- (Comp. D217) 2-(3-exo-Bicyclo[2.2.1]hept-2-yl-methyl-ureido)-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D218) 2-[3-(4-tert-Butyl-cyclohexyl)-ureido]-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D219) 4-[3-(3-Carbamoyl-6-oxo-ethylenylketal-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-ureido]-piperidine-1-carboxylic acid ethyl ester,
- (Comp. D220) 2-[3-(1-Benzyl-piperidin-4-yl)-ureido]-6-oxo-ethylenylketal-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D221) 2-[3-(2-Hydroxy-ethyl)-ureido]-6-oxo-ethylenylketal-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D222) 2-[3-(2,3-Dihydroxy-propyl)-ureido]-6-oxo-ethylenylketal-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D223) 2-[3-(R(-)-1-Cyclohexyl-ethyl)-ureido]-6-oxo-ethylenylketal-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D224) 6-Oxo-ethylenylketal-2-[3-(2-thiophen-2-yl-ethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D225) 6-Oxo-ethylenylketal-2-[3-(2-pyridin-2-yl-ethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D226) 2-[3-(3-Morpholin-4-yl-propyl)-ureido]-6-oxo-ethylenylketal-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D227) 2-(3-Bicyclo[2.2.1]hept-2-yl-ureido)-6-oxo-ethylenylketal-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. D228) 6-Oxo-ethylenylketal-2-[3-(1R,2R,3R,5S-2,6,6-trimethyl-bicyclo[3.1.1]hept-3-yl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D229) 6-Oxo-ethylenylketal-2-[3-(1S,2S,3S,5R-2,6,6-trimethyl-bicyclo[3.1.1]hept-3-yl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D230) 2-[3-(2-Cyclohex-1-enyl-ethyl)-ureido]-6-oxo- ethylenylketal-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D231) 2-[3-(3-Chloro-4-methyl-phenyl)-ureido]-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D232) 2-[3-(3-Chloro-2-methyl-phenyl)-ureido]-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D233) 2-(3-Benzo[1,3]dioxol-5-yl-ureido)-3-carbamoyl-4,5,6,7-tetrahydro-benzo[b]thiophene-6-carboxylic acid ethyl ester,
- (Comp. D234) 3-Carbamoyl-2-[3-(4-methylsulfanyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-6-carboxylic acid ethyl ester,
- (Comp. D235) (3-carbamoyl-6,6-ethylenedioxy-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-carbamic acid phenyl ester,
- (Comp. D236) 2-[3-(S-)-1-Cyclohexyl-ethyl)-ureido]-6-oxo-ethylenylketal-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide.
- (Comp. D237) 2-[(3-chloro- 4-fluorophenyl)- ureido]-4,7 -dihydro- 5H- spiro[1-benzothiophene- 6,2'- [1,3]dioxolane]-3-carboxamide,
- (Comp. D238) 4-[[[7'-(aminocarbonyl)spiro[1,3-dioxolane-2,3'-[9]thiabicyclo[4.3.1]deca[6(10),7]dien]-8'-yl]amino}carbonyl)amino]-1-hydroxypyridinium,
- (Comp. D239) 2-[(3,4,5-trimethoxyphenyl)- ureido]-4,7 -dihydro- 5H- spiro[1-benzothiophene- 6,2'- [1,3]dioxolane]-3-carboxamide,
- (Comp. D240) (3-Carbamoyl-6-oxo-4,5,6,7-tetrahydrobenzo[b]thiophen-2-yl)-carbamic acid benzyl ester,
- (Comp. D241) 2-[[[(3-methylsulfanylphenyl)amino]carbonyl)amino]-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D242) 2-[[[4-difluoromethoxyphenyl]amino}carbonyl)amino]-4,7-dihydro-5H-spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D243) 2-[[[3-Trifluoromethylsulfanylphenyl]amino}carbonyl)amino]-4,7-dihydro-5H spiro[1-benzothiophene-6,2'-[1,3]dioxolane]-3-carboxamide,
- (Comp. D244) 6-Hydroxy-2-[3-(3-methylsulfanyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D245) 2-[3-(4-Difluoromethoxy-phenyl)-ureido]-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D246) 2-[3-(2,4-difluoro-phenyl)-ureido]-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D247) 2-[3-(2,4-Difluoro-phenyl)-ureido]-6-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D248) 2-[3-(3-Chloro-4-methyl-phenyl)-ureido]-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,
- (Comp. D249) 2-[3-(3-Chloro-2-methyl-phenyl)-ureido]-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,

- (Comp. D250) 2-[3-(2-Methylsulfanyl-phenyl)-ureido]-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,  
 (Comp. D251) 2-[3-(2-Trifluoromethoxy-phenyl)-ureido]-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,  
 (Comp. D252) 2-[3-(2-Difluoromethoxy-phenyl)-ureido]-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,  
 (Comp. D253) 2-[3-(4-Trifluoromethylsulfanyl-phenyl)-ureido]-(6-oxo-ethylenylketal)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,  
 (Comp. D254) 6-Hydroxy-2-[3-(2-methylsulfanyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,  
 (Comp. D255) 6-Hydroxy-2-[3-(2-trifluoromethoxy-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,  
 (Comp. D256) 2-[3-(2-Difluoromethoxy-phenyl)-ureido]-6-hydroxy-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide,  
 (Comp. D257) 6-Hydroxy-2-[3-(4-trifluoromethylsulfanyl-phenyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide.
8. (Currently Amended) Compound according to claim 1 ~~any one of claims 1—7~~ for use as a pharmaceutically active agent.
  9. (Currently Amended) Use of a compound according to claim 1 ~~any one of claims 1—8~~ as an inhibitor for a protein kinase.
  10. (Currently Amended) Use of a compound according to claim 1 ~~any one of claims 1—8~~ for the manufacture of a pharmaceutical composition for prophylaxis and/or treatment of virally and/or bacterially induced diseases and/or infections.
  11. (Original) Use according to claim 10, wherein the bacterially induced disease is one caused by a bacterium of the genus legionella.
  12. (Currently Amended) Use according to claim 10 ~~or 11~~, wherein the disease is legionnaires' disease, tuberculosis, leprosy or mycobacterially induced meningitis.
  13. (Original) Use according to claim 10, wherein the bacterially induced disease or infection is caused by a mycobacterium.
  14. (Original) Use according to claim 13, wherein the mycobacterium is Mycobacterium tuberculosis or Mycobacterium leprae.
  15. (Original) Use according to claim 9, wherein the protein kinase is secreted from a cell to an environment of the cell.
  16. (Currently Amended) Use according to claim 9 ~~or 15~~, wherein the protein kinase is a mycobacterial kinase.
  17. (Original) Use according to claim 16, wherein the protein kinase is from Mycobacterium tuberculosis or Mycobacterium leprae.

18. (Original) Use according to claim 17, wherein the protein kinase from *Mycobacterium tuberculosis* or *Mycobacterium leprae* is protein kinase G (PknG).
19. (Currently Amended) Use of at least one compound according to claim 1 ~~one of claims 1 to 8~~ for the preparation of a pharmaceutical composition for the prophylaxis and/or treatment of infectious diseases, including opportunistic diseases, prion diseases, immunological diseases, autoimmune diseases, bipolar and clinical disorders, cardiovascular diseases, cell proliferative diseases, diabetes, inflammation, transplant rejections, erectile dysfunction, neurodegenerative diseases and stroke.
20. (Original) Use according to claim 19, wherein the infectious diseases, including opportunistic diseases, are virally induced infectious diseases, including opportunistic diseases.
21. (Original) Use according to claim 20, wherein the virally induced infectious diseases, including opportunistic diseases, are caused by retroviruses, human endogenous retroviruses, lentiviruses, oncoretroviruses, hepadnaviruses, herpesviruses, flaviviridae, and/or adenoviruses.
22. (Original) Use according to claim 21, wherein the lentivirus, oncoretrovirus, hepadnavirus or herpesvirus is selected from the group comprising: HIV-1, HIV-2, FIV, BIV, SIVs, SHIVs, CAEV, VMV or EIAV, preferably HIV-1 and HIV-2; HTLV-I, HTLV-II or BLV, preferably HTLV-I or HTLV-II; HBV, GSHV or WHV, preferably HBV; HSV I, HSV II, EBV, VZV, HCMV or HHV 8, preferably HCMV.
23. (Currently Amended) Use according to claim 19 ~~or 20~~, wherein the infective disease including opportunistic infection is selected from the group comprising AIDS, Alveolar Hydatid Disease (AHD, Echinococcosis), Amebiasis (*Entamoeba histolytica* Infection), *Angiostrongylus* Infection, Anisakiasis, Anthrax, Babesiosis (*Babesia* Infection), *Balantidium* Infection (*Balantidiasis*), *Baylisascaris* Infection (Raccoon Roundworm), *Bilharzia* (*Schistosomiasis*), *Blastocystis hominis* Infection (*Blastomycosis*), Boreliosis, Botulism, Brainerd Diarrhea, Brucellosis, BSE (Bovine Spongiform Encephalopathy), Candidiasis, Capillariasis (*Capillaria* Infection), CFS (Chronic Fatigue Syndrome), Chagas Disease (American Trypanosomiasis), Chickenpox (*Varicella-Zoster* virus), *Chlamydia pneumoniae* Infection, Cholera, Chronic Fatigue Syndrome, CJD (Creutzfeldt-Jakob Disease), Clonorchiasis (*Clonorchis* Infection), CLM (Cutaneous Larva Migrans, Hookworm Infection), *Coccidioidomycosis*, Conjunctivitis, Cocksackievirus A16 (Hand, Foot and Mouth Disease), *Cryptococcosis*, *Cryptosporidium* Infection (*Cryptosporidiosis*), *Culex* mosquito (Vector of West Nile Virus),



Cutaneous Larva Migrans (CLM), Cyclosporiasis (Cyclospora Infection), Cysticercosis (Neurocysticercosis), Cytomegalovirus Infection, Dengue / Dengue Fever, Dipylidium Infection (Dog and Cat Flea Tapeworm), Ebola Virus Hemorrhagic Fever, Echinococcosis (Alveolar Hydatid Disease), Encephalitis, Entamoeba coli Infection, Entamoeba dispar Infection, Entamoeba hartmanni Infection, Entamoeba histolytica Infection (Amebiasis), Entamoeba polecki Infection, Enterobiasis (Pinworm Infection), Enterovirus Infection (Non-Polio), Epstein-Barr Virus Infection, Escherichia coli Infection, Foodborne Infection, Foot and mouth Disease, Fungal Dermatitis, Gastroenteritis, Group A streptococcal Disease, Group B streptococcal Disease, Hansen's Disease (Leprosy), Hantavirus Pulmonary Syndrome, Head Lice Infestation (Pediculosis), Helicobacter pylori Infection, Hematologic Disease, Hendra Virus Infection, Hepatitis (HCV, HBV), Herpes Zoster (Shingles), HIV Infection, Human Ehrlichiosis, Human Parainfluenza Virus Infection, Influenza, Isosporiasis (Isospora Infection), Lassa Fever, Leishmaniasis, Kala-azar (Kala-azar, Leishmania Infection), Leprosy, Lice (Body lice, Head lice, Pubic lice), Lyme Disease, Malaria, Marburg Hemorrhagic Fever, Measles, Meningitis, Mosquito-borne Diseases, Mycobacterium avium Complex (MAC) Infection, Naegleria Infection, Nosocomial Infections, Nonpathogenic Intestinal Amebae Infection, Onchocerciasis (River Blindness), Opisthorciasis (Opisthorcis Infection), Parvovirus Infection, Plague, PCP (Pneumocystis carinii Pneumonia), Polio, Q Fever, Rabies, Respiratory Syncytial Virus (RSV) Infection, Rheumatic Fever, Rift Valley Fever, River Blindness (Onchocerciasis), Rotavirus Infection, Roundworms Infection, Salmonellosis, Salmonella Enteritidis, Scabies, Shigellosis, Shingles, Sleeping Sickness, Smallpox, Streptococcal Infection, Tapeworm Infection (Taenia Infection), Tetanus, Toxic Shock Syndrome, Tuberculosis, Ulcers (Peptic Ulcer Disease), Valley Fever, Vibrio parahaemolyticus Infection, Vibrio vulnificus Infection, Viral Hemorrhagic Fever, Warts, Waterborne infectious Diseases, West Nile Virus Infection (West Nile Encephalitis), Whooping Cough, Yellow Fever, tuberculosis, leprosy, mycobacteria-induced meningitis.

24. (Original) Use according to claim 19, wherein the prion diseases is selected from the group comprising Scrapie, TME, CWD, BSE, CJD, vCJD, GSS, FFI, Kuru, and Alpers Syndrome.
25. (Original) Use according to claim 19, wherein the immunological disease and/or autoimmune disease is selected from the group comprising: asthma, diabetes, rheumatic diseases, AIDS, rejection of transplanted organs and tissues, rhinitis, chronic obstructive pulmonary diseases, osteoporosis, ulcerative colitis, sinusitis, lupus erythematosus, recurrent infections, atopic dermatitis / eczema and occupational allergies, food allergies, drug allergies, severe anaphylactic reactions, anaphylaxis, manifestations of allergic diseases, primary immunodeficiencies, antibody deficiency states, cell mediated immunodeficiencies, severe combined immunodeficiency, DiGeorge syndrome, Hyper-IgE syndrome, Wiskott-Aldrich syndrome, ataxia-telangiectasia, immune mediated cancers, white cell defects, autoimmune diseases, systemic lupus erythematosus, rheumatoid arthritis (RA), multiple sclerosis (MS), immune-mediated or Type 1 Diabetes Mellitus, immune mediated glomerulonephritis, scleroderma, pernicious anemia, alopecia,

pemphigus, pemphigus vulgaris, myasthenia gravis, inflammatory bowel diseases, Crohn's disease, psoriasis, autoimmune thyroid diseases, Hashimoto's disease, dermatomyositis, goodpasture syndrome, myasthenia gravis pseudoparalytica, ophtalmia sympathica, phakogene uveitis, chronic aggressive hepatitis, primary biliary cirrhosis, autoimmune hemolytic anemia, Werlof disease.

26. (Original) Use according to claim 19, wherein the bipolar and/or clinical disorder is selected from the group comprising: adjustment disorders, anxiety disorders, delirium, dementia, amnesic and other cognitive disorders, disorders usually first diagnosed in infancy, childhood, or adolescence, dissociative disorders, eating disorders, factitious disorders, impulse-control disorders, mental disorders due to a general medical condition, mood disorders, other conditions that may be a focus of clinical attention, personality disorders, schizophrenia and other psychotic disorders, sexual and gender identity disorders, sleep disorders, somatoform disorders, substance-related disorders, generalized anxiety disorder, panic disorder, phobia, agoraphobia, obsessive-compulsive disorder, stress, acute stress disorder, anxiety neurosis, nervousness, phobia, posttraumatic stress disorder, posttraumatic stress disorder (PTSD), abuse, obsessive-compulsive disorder (OCD), manic depressive psychosis, specific phobias, social phobia, adjustment disorder with anxious features.
27. (Original) Use according to claim 26, wherein the anxiety disorders, delirium, dementia, amnesic and other cognitive disorders, disorders usually first diagnosed in infancy, childhood, or adolescence, dissociative disorders, eating disorders, mood disorders, schizophrenia and other psychotic disorders, sexual and gender identity disorders, sleep disorders, somatoform disorders, substance-related disorders are selected from the group comprising: acute stress disorder, agoraphobia without history of panic disorder, anxiety disorder due to general medical condition, generalized anxiety disorder, obsessive-compulsive disorder, panic disorder with agoraphobia, panic disorder without agoraphobia, posttraumatic stress disorder, specific phobia, social phobia, substance-induced anxiety disorder, delirium due to a general medical condition, substance intoxication delirium, substance withdrawal delirium, delirium due to multiple etiologies, Alzheimer's, Creutzfeldt-Jakob disease, head trauma, Huntington's disease, HIV disease, Parkinson's disease, Pick's disease, substance-induced persisting, vascular, dementia due to other general medical conditions, dementia due to multiple etiologies, amnesic disorder due to a general medical condition, substance-induced persisting amnesic disorder, mental

retardation, learning disorders, mathematics disorder, reading disorder, disorder of written expression, learning disorder, motor skills disorders, developmental coordination disorder, communication disorders, expressive language disorder, phonological disorder, mixed receptive-expressive language disorder, stuttering, pervasive developmental disorders, Asperger's disorder, autistic disorder, childhood disintegrative disorder, Rett's disorder, pervasive developmental disorder, attention-deficit/hyperactivity disorder (ADHD), conduct disorder, oppositional defiant disorder, feeding disorder of infancy or early childhood, pica, rumination disorder, tic disorders, chronic motor or vocal tic disorder, Tourette's syndrome, elimination disorders, encopresis, enuresis, selective mutism, separation anxiety disorder, reactive attachment disorder of infancy or early childhood, stereotypic movement disorder, dissociative amnesia, depersonalization disorder, dissociative fugue, dissociative identity disorder, anorexia nervosa, bulimia nervosa, mood episodes, major depressive episode, hypomanic episode, manic episode, mixed episode, depressive disorders, dysthymic disorder, major depressive disorder, single episode, recurrent, bipolar disorders, bipolar I disorder, bipolar II disorder, cyclothymic disorder, mood disorder due to a general medical condition, substance-induced mood disorder, schizophreniform disorder, schizoaffective disorder, delusional disorder, brief psychotic disorder, shared psychotic disorder, psychotic disorder due to a general medical condition, delusions, hallucinations, substance-induced psychotic disorder, female sexual arousal disorder, orgasmic disorders, premature ejaculation, sexual pain disorders, dyspareunia, vaginismus, sexual dysfunction due to a general medical condition, female dyspareunia, female hypoactive sexual desire disorder, male erectile disorder, male hypoactive sexual desire disorder, male dyspareunia, other female sexual dysfunction, other male sexual dysfunction, substance-induced sexual dysfunction, sexual dysfunction, exhibitionism, fetishism, frotteurism, pedophilia, masochism, sadism, transvestic fetishism, voyeurism, paraphilia, gender identity disorder, dyssomnias, breathing-related sleep disorder, circadian rhythm sleep disorder, hypersomnia, hypersomnia related to another mental disorder, insomnia, insomnia related to another mental disorder, narcolepsy, dyssomnia, parasomnias, nightmare disorder, sleep terror disorder, sleepwalking disorder, parasomnia, body dysmorphic disorder, conversion disorder, hypochondriasis, pain disorder, somatization disorder, undifferentiated somatoform disorder, alcohol related disorders, amphetamine related disorders, caffeine related disorders, cannabis related disorders, cocaine related disorders, hallucinogen related disorders, inhalant related disorders, nicotine related disorders, opioid related disorders, psychotic

disorder, psychotic disorder, phencyclidine-related disorder, abuse, persisting amnesic disorder, anxiety disorder, persisting dementia, dependence, intoxication, intoxication delirium, mood disorder, psychotic disorder, withdrawal, withdrawal delirium, sexual dysfunction, sleep disorder.

28. (Original) Use according to claim 19, wherein the cardiovascular diseases are selected from the group consisting of:  
adult congenital heart disease, aneurysm, stable angina, unstable angina, angina pectoris, angioneurotic edema, aortic valve stenosis, aortic aneurysm, arrhythmia, arrhythmogenic right ventricular dysplasia, arteriosclerosis, arteriovenous malformations, atrial fibrillation, Behcet syndrome, bradycardia, cardiac tamponade, cardiomegaly, congestive cardiomyopathy, hypertrophic cardiomyopathy, restrictive cardiomyopathy, cardiovascular disease prevention, carotid stenosis, cerebral hemorrhage, Churg-Strauss syndrome, diabetes, Ebstein's Anomaly, Eisenmenger complex, cholesterol embolism, bacterial endocarditis, fibromuscular dysplasia, congenital heart defects, heart diseases, congestive heart failure, heart valve diseases, heart attack, epidural hematoma, hematoma, subdural, Hippel-Lindau disease, hyperemia, hypertension, pulmonary hypertension, hypertrophic growth, left ventricular hypertrophy, right ventricular hypertrophy, hypoplastic left heart syndrome, hypotension, intermittent claudication, ischemic heart disease, Klippel-Trenaunay-Weber syndrome, lateral medullary syndrome, long QT syndrome mitral valve prolapse, moyamoya disease, mucocutaneous lymph node syndrome, myocardial infarction, myocardial ischemia, myocarditis, pericarditis, peripheral vascular diseases, phlebitis, polyarteritis nodosa, pulmonary atresia, Raynaud disease, restenosis, Sneddon syndrome, stenosis, superior vena cava syndrome, syndrome X, tachycardia, Takayasu's arteritis, hereditary hemorrhagic telangiectasia, telangiectasis, temporal arteritis, tetralogy of fallot, thromboangiitis obliterans, thrombosis, thromboembolism, tricuspid atresia, varicose veins, vascular diseases, vasculitis, vasospasm, ventricular fibrillation, Williams syndrome, peripheral vascular disease, varicose veins and leg ulcers, deep vein thrombosis, Wolff-Parkinson-White syndrome.
29. (Original) Use according to claim 19, wherein the proliferative disease is selected from the group comprising:  
adenocarcinoma, choroidal melanoma, acute leukemia, acoustic neurinoma, ampullary carcinoma, anal carcinoma, astrocytoma, basal cell carcinoma, pancreatic cancer, desmoid tumor, bladder cancer, bronchial carcinoma, breast cancer, Burkitt's lymphoma, corpus cancer, CUP-syndrome (carcinoma

of unknown primary), colorectal cancer, small intestine cancer, small intestinal tumors, ovarian cancer, endometrial carcinoma, ependymoma, epithelial cancer types, Ewing's tumors, gastrointestinal tumors, gastric cancer, gallbladder cancer, gall bladder carcinomas, uterine cancer, cervical cancer, cervix, glioblastomas, gynecologic tumors, ear, nose and throat tumors, hematologic neoplasias, hairy cell leukemia, urethral cancer, skin cancer, skin testis cancer, brain tumors (gliomas), brain metastases, testicle cancer, hypophysis tumor, carcinoids, Kaposi's sarcoma, laryngeal cancer, germ cell tumor, bone cancer, colorectal carcinoma, head and neck tumors (tumors of the ear, nose and throat area), colon carcinoma, craniopharyngiomas, oral cancer (cancer in the mouth area and on lips), cancer of the central nervous system, liver cancer, liver metastases, leukemia, eyelid tumor, lung cancer, lymph node cancer (Hodgkin's/Non-Hodgkin's), lymphomas, stomach cancer, malignant melanoma, malignant neoplasia, malignant tumors gastrointestinal tract, breast carcinoma, rectal cancer, medulloblastomas, melanoma, meningiomas, Hodgkin's disease, mycosis fungoides, nasal cancer, neurinoma, neuroblastoma, kidney cancer, renal cell carcinomas, non-Hodgkin's lymphomas, oligodendroglioma, esophageal carcinoma, osteolytic carcinomas and osteoplastic carcinomas, osteosarcomas, ovarian carcinoma, pancreatic carcinoma, penile cancer, plasmocytoma, prostate cancer, pharyngeal cancer, rectal carcinoma, retinoblastoma, vaginal cancer, thyroid carcinoma, Schneeberger disease, esophageal cancer, spinaliomas, T-cell lymphoma (mycosis fungoides), thymoma, tube carcinoma, eye tumors, urethral cancer, urologic tumors, urothelial carcinoma, vulva cancer, wart appearance, soft tissue tumors, soft tissue sarcoma, Wilm's tumor, cervical carcinoma and tongue cancer.

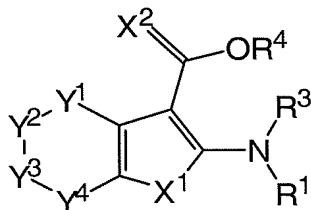
30. (Original) Use according to claim 19, wherein said diabetes is selected from Type I diabetes or Type II diabetes.
31. (Original) Use according to claim 19, wherein said inflammation is mediated by the cytokines TNF- $\alpha$ , IL-1 $\beta$ , GM-CSF, IL-6 and/or IL-8.
32. (Currently Amended) Use according to claim 19 ~~or 31~~ wherein the inflammatory disease is caused, induced, initiated and/or enhanced by bacteria, viruses, prions, parasites, fungi, and/or caused by irritative, traumatic, metabolic, allergic, autoimmune, or idiopathic reasons.
33. (Original) Use according to claim 32 wherein the viruses and bacteria are selected from the group comprising human immunodeficiency virus-I, herpes viruses, herpes simplex virus, herpes zoster virus, cytomegalovirus, mycoplasma pulmonis, ureaplasma urealyticum, mycoplasma pneumoniae,

chlamydia pneumoniae, C. pneumoniae, Helicobacter pylori, and propionibacterium.

34. (Currently Amended) Use according to claim 19 ~~any one of the claims 19, 31—33~~, wherein the inflammatory disease is selected from the group comprising inflammatory diseases of the central nervous system (CNS), inflammatory rheumatic diseases, inflammatory diseases of blood vessels, inflammatory diseases of the middle ear, inflammatory bowel diseases, inflammatory diseases of the skin, inflammatory disease uveitis, inflammatory diseases of the larynx.
35. (Original) Use according to claim 34 wherein the inflammatory diseases of the central nervous system (CNS), inflammatory rheumatic diseases, inflammatory diseases of blood vessels, inflammatory diseases of the middle ear, inflammatory bowel diseases, inflammatory diseases of the skin, inflammatory disease uveitis, inflammatory diseases of the larynx are selected from the group comprising:
- abscessation, acanthameba, acanthamebiasis, acne vulgaris, actinomycosis, acute inflammatory dermatoses, acute laryngeal infections of adults, acute multifocal placoid pigmentary epitheliopathy, acute (thermal) injury, acute retinal necrosis, acute suppurative otitis media, algal disorders, allergic contact dermatitis, amyloidosis angioedema, ankylosing spondylitis, aspergillosis, atopic dermatitis, Aujeszky's disease, autoantibodies in vasculitis, babesiosis, bacterial disorders, bacterial laryngitis, bacterial meningitis, Behcet's disease, birdshot choroidopathy, blastomycosis, borna disease, brucellosis, bullous myringitis, bursitis, candidiasis, canine distemper encephalomyelitis, canine distemper encephalomyelitis in immature animals, canine ehrlichiosis, canine herpes virus encephalomyelitis, cholesteatoma, chronic (granulomatous) diseases, chronic inflammatory dermatoses, chronic relapsing encephalomyelitis, chronic suppurative otitis media, cicatricial pemphigoid, coccidiomycosis, coccidioidomycosis, common upper respiratory infection, contact ulcer and granuloma, Crohn's disease, cryptococcosis, cysticercosis, dermatomyositis, diphtheria, discoid lupus erythematosus, drug-induced vasculitis, drug or hypersensitivity reaction, encephalitozoonosis, eosinophilic meningoencephalitis, erythema multiforme (EM minor), feline leukemia virus, feline immunodeficiency virus, feline infectious peritonitis, feline polioencephalomyelitis, feline spongiform encephalopathy, fibromyositis, Fuch's heterochromic cyclitis, gastroesophageal (laryngopharyngeal) reflux disease, giant cell arteritis, glanders, glaucomatocyclitic crisis, gonorrhea granular myringitis, granulomatous meningoencephalomyelitis, herpes simplex, histoplasmosis, idiopathic

diseases, idiopathic inflammatory disorders, immune and idiopathic disorders, infections of the immunocompromised host, infectious canine hepatitis, inhalation laryngitis, interstitial nephritis, irritant contact dermatitis, juvenile rheumatoid arthritis, Kawasaki's disease, La Crosse virus encephalitis, laryngeal abscess, laryngotracheitis (croup), leishmaniasis, lens-induced uveitis, leprosy, leptospirosis, leukemia, lichen planus, lupus, Lyme disease, lymphoma, meningitis, meningoencephalitis in greyhounds, miscellaneous meningitis / meningoencephalitis, microscopic polyangiitis, multifocal choroiditis, multifocal distemper encephalomyelitis in mature animals, multiple sclerosis, muscle tension dysphonias, mycotic (fungal) diseases, mycotic diseases of the CNS, necrotizing encephalitis, neosporosis, old dog encephalitis, onchocerciasis, parasitic encephalomyelitis, parasitic infections, pars planitis, parvovirus encephalitis, pediatric laryngitis, pollution and inhalant allergy, polymyositis, post-vaccinal canine distemper encephalitis, post-vaccinal rabies, prion protein induced diseases, protothecosis, protozoal encephalitis-encephalomyelitis, psoriasis, psoriatic arthritis, pug dog encephalitis, pyogranulomatous meningoencephalomyelitis, rabies, radiation injury, radiation laryngitis, radionecrosis, relapsing polychondritis, Reiter's syndrome, retinitis pigmentosa, retinoblastoma, rheumatoid arthritis, rickettsial disorders, rocky mountain spotted fever, salmon poisoning, sarcocystosis, sarcoidosis, schistosomiasis, scleroderma, scleroma, serpiginous choroiditis, shaker dog disease, Sjogren's syndrome, spasmodic croup, spirochetal (syphilis) diseases, spongiotic dermatitis, sporotrichosis, steroid responsive meningitis-arteritis, Stevens-Johnson syndrome (SJS, EM major), supraglottitis (epiglottitis), sympathetic ophthalmia, syngamus laryngeus, syphilis, systemic lupus erythematosus, systemic vasculitis in sarcoidosis, Takayasu's arteritis, tendinitis (tendonitis), thromboangiitis obliterans (Buerger's Disease), tick-borne encephalitis in dogs, toxic epidermal necrolysis (TEN), toxocariasis, toxoplasmosis, trauma, traumatic laryngitis, trichinosis, trypanosomiasis, tuberculosis, tularemia, ulcerative colitis, urticaria (hives), vasculitis, vasculitis and malignancy, vasculitis and rheumatoid arthritis, vasculitis in systemic lupus erythematosus, vasculitis in the idiopathic inflammatory myopathies, vasculitis of the central nervous system, vasculitis secondary to bacterial, fungal, and parasitic infection, viral disorders, viral laryngitis, vitiligo, vocal abuse, vocal-cord hemorrhage, Vogt Koyanagi Harada syndrome, Wegener's granulomatosis, and Whipple's disease.

36. (Original) Use according to claim 19, wherein the transplant rejection is selected from the group comprising heart transplant rejection, heart-lung transplant rejection, lung transplant rejection, liver transplant rejection, kidney transplant rejection, pancreas transplant rejection, spleen transplant rejection, skin transplant rejection, tissue transplant rejection, bone marrow transplant rejection, spinal marrow transplant rejection, hormone producing glands transplant rejection, gonads and gonadal gland transplant rejection, graft-versus-host-diseases and host-versus-graft-diseases.
37. (Original) Use according to claim 19, wherein the neurodegenerative diseases are selected from the group comprising:  
Alzheimer disease, Parkinson disease, Huntington disease, amyotrophic lateral sclerosis, AIDS-related dementia, retinitis pigmentosa, spinal muscular atrophy and cerebellar degeneration, fragile X-associated tremor/ataxia syndrome (FXTAS), progressive supranuclear palsy (PSP), and striatonigral degeneration (SND), which is included with olivopontocerebellar degeneration (OPCD), and Shy Drager syndrome (SDS) in a syndrome known as multiple system atrophy (MSA).
38. (Original) Pharmaceutical composition comprising at least one compound of the general formula (I) and/or pharmaceutically acceptable salts thereof together with pharmaceutically acceptable carrier, excipient and/or diluents.
39. (Original) Method for amidation of an carboxylic acid ester to give the corresponding primary carboxylic acid amide,  
comprising the step of reacting an carboxylic acid ester with an alkali metal amide in the presence of a polar aprotic solvent, which is essentially inert against the alkali metal amide, wherein the molar ratio of carboxylic acid ester to alkali metal amide lies in the range of 1:1 to 1:15.
40. (Original) The method according to claim 39, wherein a compound of the following general formula (Ia)



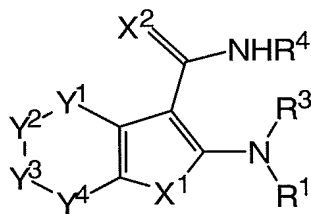
wherein

X<sup>2</sup> represents O or S, and

R<sup>1</sup>, R<sup>3</sup>, R<sup>4</sup>, Y<sup>1</sup> – Y<sup>4</sup> and X<sup>1</sup> have the meaning as defined in claim 1,

is reacted with an alkali metal amide in the presence of a polar aprotic solvent to give the compound of the following general formula (Ib)



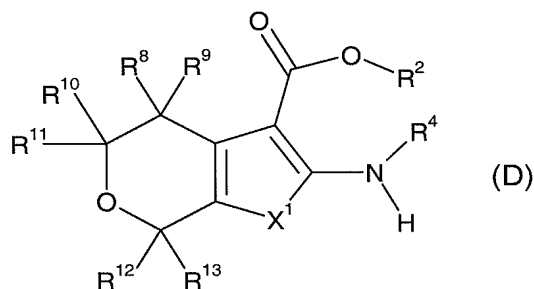


wherein

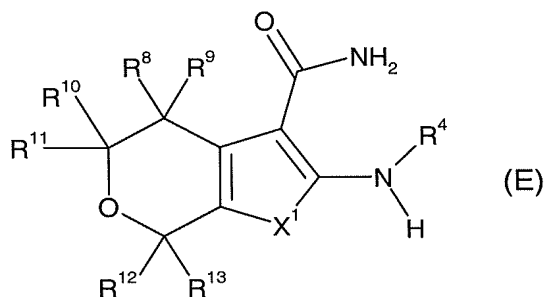
$X^2$  represents O or S, and

$R^1$ ,  $R^3$ ,  $R^4$ ,  $Y^1 - Y^4$  and  $X^1$  have the meaning as defined in claim 1.

41. (Currently Amended) The method according to claim 39 or 40, wherein the alkali metal amide is  $LiNH_2$  or  $NaNH_2$ .
42. (Currently Amended) The method according to claim 39 ~~any one of claims 39—41~~, wherein the carboxylic acid ester is a compound according to the following general formula (D):



which is amidated to give the primary carboxylic acid amide according to formula (E),



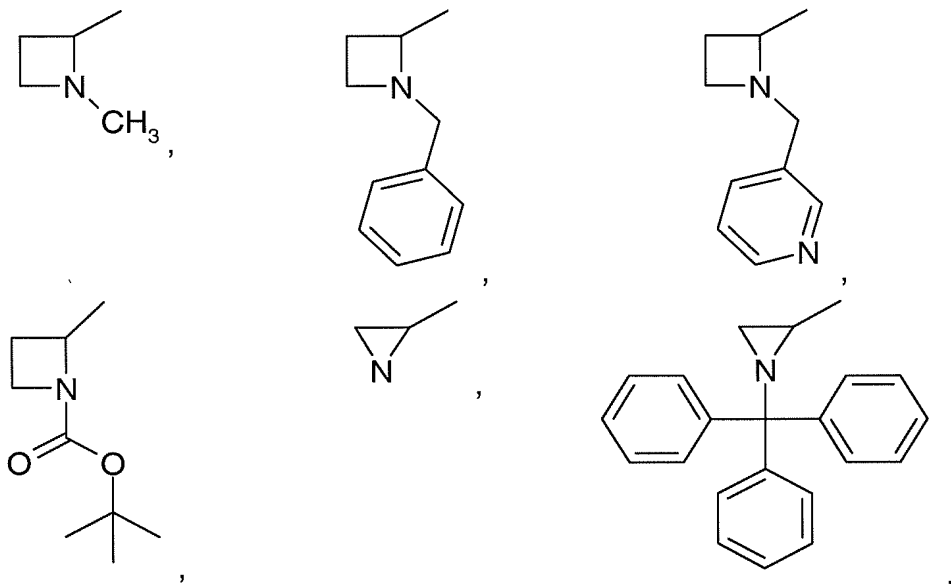
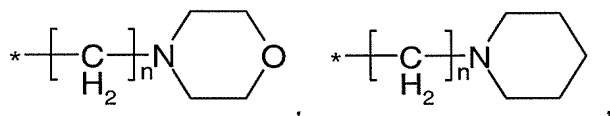
wherein in formulas (D) and (E)

$X^1$  is selected from S, O, or  $NR^1$ , and  $R^1$  is selected from H, substituted or unsubstituted  $C_1-C_6$ -alkyl,

$R^2$  is linear or branched  $C_1-C_6$  alkyl or aryl and preferably is methyl, ethyl, phenyl or benzyl,

$R^4$  is selected from H,  $-C(=X^2)R^5$  and  $-SO_2R^5$ ,  
wherein  $X^2$  is O, S or NH and

R<sup>5</sup> is selected from substituted or unsubstituted C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkyl, aryl, heteroaryl, heterocycloalkyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkinyl, adamantyl,



or  $-(\text{CH}_2)_n\text{-NR}^6\text{R}^7$ ,

wherein R<sup>6</sup> and R<sup>7</sup> are independently selected from substituted or unsubstituted C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>2</sub>-C<sub>4</sub>-alkenyl and wherein n = 1 to 6,

or NR<sup>6</sup>R<sup>7</sup>,

wherein

R<sup>6</sup> is selected from H, C<sub>1</sub>-C<sub>6</sub>-alkyl, and

R<sup>7</sup> is selected from substituted or unsubstituted C<sub>3</sub>-C<sub>10</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkyl, aryl, heteroaryl, heterocycloalkyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>2</sub>-C<sub>4</sub>-alkinyl, or adamantyl,

R<sup>8</sup> is H and R<sup>9</sup> is selected from H, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl

R<sup>10</sup> is selected from H, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, or OH

R<sub>11</sub> is selected from H and substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl

R<sub>12</sub> is selected from H and substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, or OH, and

R<sup>13</sup> is selected from H or substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl,

and stereoisomeric and regioisomeric forms and pharmaceutically acceptable salts of these compounds.

43. (Original) The method according to claim 42, wherein in general formulas (D) and (E)

X<sup>1</sup> is S

R<sup>2</sup> is methyl or ethyl,

R<sup>4</sup> is -C(=O)R<sup>5</sup> and R<sup>5</sup> is selected from methyl, ethyl, n-propyl, iso-propyl, n-butyl, sec.-butyl, iso-butyl, tert.-butyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, C<sub>1</sub>-C<sub>10</sub>-cycloalkyles substituted by at least one methyl or carboxyl group, phenyl, furanyl, thienyl, pyrrolyl, pyridyl, pyrrolidinyl, piperidinyl, tetrahydrofuranyl, ethenyl, cis-prop-1-enyl, trans-prop-1-enyl, cis-prop-2-enyl, trans-prop-2-enyl, but-1-enyl, cis-but-2-enyl, trans-but-2-enyl, but-3-enyl, prop-1-inyl, prop-2-inyl, but-1-inyl, but-2-inyl, but-3-inyl or adamantyl,

R<sup>8</sup> is H and R<sup>9</sup> is selected from H, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl,

R<sup>10</sup> is selected from H, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, or OH,

R<sub>11</sub> is selected from H and substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl,

R<sub>12</sub> is selected from H and substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, or OH, and

R<sup>13</sup> is selected from H or substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl.